

This document provides additional assistance with wiring your Extron IP Link Pro Control Processor to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific IP Link Pro Control Processor or the documentation supplied by the manufacturer of the controlled device.

For more information on using Global Scripter Modules, refer to the "[Guide to Using Scripter Modules](#)" document.

Device Specifications

Device Type:	Audio Processor
Manufacturer:	Biamp
Firmware Version:	4.1.0.36
Software Version:	4.1.0.21138
Model(s):	TesiraFORTE AI, TesiraFORTE TI, TesiraFORTE VI, TesiraFORTE CI, Tesira SERVER-IO, Tesira SERVER, TesiraFORTE VT, TesiraFORTE VT4, TesiraFORTE DAN AI, TesiraFORTE DAN CI, TesiraFORTE DAN TI, TesiraFORTE DAN VI, TesiraFORTE DAN VT, TesiraFORTE DAN VT4, TesiraFORTE AVB AI, TesiraFORTE AVB CI, TesiraFORTE AVB VT, TesiraFORTE AVB VT4, TesiraFORTE AVB TI, TesiraFORTE AVB VI, TesiraFORTE X 400, TesiraFORTE X 800, TesiraFORTE X 1600

Tested on the Following Software and Firmware Versions

IP Link Pro Control Processor Firmware	Global Scripter Version
3.14.0000-b007	2.13.0

Version History

Module Version	Date	Notes
1_15_1_0	10/13/2021	Updated RoomCombinerOutputLevel command to use subscribe status and updated notes. Fixed LastDialed status. Added TesiraFORTE X models. Added commands: <ul style="list-style-type: none">• Bluetooth• BluetoothConnectedDeviceName• BluetoothUSBConnectionStatus• BluetoothDeviceName

		<ul style="list-style-type: none"> • BluetoothDiscovery • BluetoothUSBStreamingStatus (requires Tesira EX-UBT expander to use) • AVBInputLevel • AVBInputMute • AVBOutputLevel • AVBOutputMute <p>(Dante models require TesiraCONNECT TC-5D expander to use AVB and Bluetooth/USB commands)</p>
1_12_3_1	3/16/2020	Added note regarding maintaining connection status when only using subscription commands.
1_12_3_0	11/26/2019	<p>Changed module to use SSH protocol. Removed ConnectionToDevice command (no longer required for SSH). Accounted for spaces and underscores in Instance Tags. Fixed TIHook command for when 'None' is used for 'Line' command parameter. Added 'None' to 'Line' command parameters for the following commands:</p> <ul style="list-style-type: none"> • AutoAnswer • DTMF • LastDialed
1_12_0_0	7/16/2019	<p>Updated supported Channel values:</p> <ul style="list-style-type: none"> • AECEnable • AECGain • AECPhantomPower • FineLevelControl • InputLevel • InputMute • LevelControl • LogicState • MuteControl • OutputLevel • OutputMute <p>Updated supported Input and Output values:</p> <ul style="list-style-type: none"> • CrosspointLevel • CrosspointState • RouterControl <p>Updated supported Room values:</p> <ul style="list-style-type: none"> • RoomCombinerGroup <p>Updated supported Wall values:</p> <ul style="list-style-type: none"> • RoomCombinerWall <p>Added:</p> <ul style="list-style-type: none"> • Transfer state for VoIPHook

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		<ul style="list-style-type: none"> • Answer Call and Transfer states for VoIPCallStatus • Note regarding new 'AV Router' block <p>Removed:</p> <ul style="list-style-type: none"> • 'None' value for 'Line' and 'Call Appearance' command parameters for VoIPHook • Send value from TIHook <p>Updated:</p> <ul style="list-style-type: none"> • Error trace messages • Comm sheet notes • DeviceFaultList command syntax • SpeedDialEntryName command syntax • SpeedDialEntryNumber command syntax <p>Fixed:</p> <ul style="list-style-type: none"> • 'None' value for TIHook command • VerboseMode status • TICallerID status
1_11_2_1	2/14/2019	Fixed VoIPCallStatus and TICallStatus.
1_11_2_0	10/16/2018	Added DeviceFaultList command, updated module to full Asynchronous, added logic for Ethernet communication to obtain proper handshake from the device, and added ConnectionToDevice command.
1_11_1_0	5/8/2018	Added FirmwareVersion and AutoMixerCombinerInputGroup commands. Fixed PresetRecallName and PresetSaveName commands.
1_9_1_0	4/2/2018	Added models TesiraFORTE AVB AI, TesiraFORTE AVB CI, TesiraFORTE AVB TI, TesiraFORTE AVB VI, TesiraFORTE AVB VT, TesiraFORTE AVB VT4.
1_8_3_0	1/11/2018	Added LogicMeter command.
1_8_2_1	10/23/2017	Fixed data handling from the device
1_8_2_0	10/10/2017	<ul style="list-style-type: none"> • Added the follow models: TesiraFORTE VT, TesiraFORTE VT4, TesiraFORTE DAN AI, TesiraFORTE DAN CI, TesiraFORTE DAN TI, TesiraFORTE DAN VI, TesiraFORTE DAN VT, TesiraFORTE DAN VT4. • Removed 'Line' and 'Call' qualifier from TI commands. • Added TIReceiveLevel, TIReceiveMute, TITransmitLevel, and TITransmitMute commands. • Fixed range for VoIPTransmitLevel command. • Updated module to Rev. B.
1_5_20_0	6/22/2017	Added GraphicEqualizerBandGain. Edited Module Notes details regarding commands for specific blocks.

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1_5_19_0	5/5/2017	Added TILineInUse and VoIPLineInUse commands. Added note regarding presets under control commands table.
1_5_18_0	2/15/2017	Added LogicInputOutput command.
1_5_16_1	12/28/2016	Fixed SubscribeStatus error message.
1_5_16_0	11/29/2016	Added VoIPTrasnmitMute and Level commands. Added SignalPresentMeter status.
1_5_14_0	10/11/2016	Added SourceSelectorSourceSelection command.
1_5_13_0	7/25/2016	Added DoNotDisturb command.
1_5_12_0	7/13/2016	Added RoomCombinerSourceSelection, Level, and Mute commands. Added support for logon credentials.
1_5_11_1	2/26/2016	Corrected 'InstanceTag' to 'Instance Tag'.
1_5_11_0	2/5/2016	Initial Version

Module Notes

- Unidirectional variable must be set to 'True' if status is not required. Default value is 'False'.
Example: `InterfaceName.Unidirectional = 'True'`
- connectionCounter variable must be set to the number of queries that will be sent to the device before displaying 'Disconnected' if no response is received. Default value is 15.
Example: `InterfaceName.connectionCounter = 5`
- Regardless if using a protected or unprotected Tesira system, deviceUsername is always required. deviceUsername default value is 'admin' in a protected system and 'default' in an unprotected system. devicePassword must be set accordingly in a protected system and left blank (empty string) in an unprotected system. For serial, the module does not support login credentials.
Example: `InterfaceName.deviceUsername = 'admin'`
- Most commands require an 'Instance Tag' command parameter that is assigned by the Tesira designer when the Tesira system is configured. **The Instance Tag used in the Tesira configuration must match the Instance Tag used in the module for commands to work.** '/' and '&'amp;' are illegal characters to use for the Instance Tag.
- Commands in the module may or may not be valid for a given control depending on the configuration of the Tesira device.
- **To keep status in sync, reload the module after making changes to the Tesira configuration.**

Maintaining Connection Status

- To maintain connection status when only using subscription commands (see “Commands that support subscribe status” section below), use a non-subscription command for the connection handling logic such as VerboseMode.

Periodic Resubscribe Logic

- To ensure Tesira subscriptions remain active, Biamp recommends to periodically resubscribe to them every 30 seconds. One way this can be achieved is by using the Timer class combined with the ConnectionHandler helper module (see code example below).
- It is normal to see the Tesira return the error message “-ERR ALREADY_SUBSCRIBED”, as this confirms that the subscription still exists.
 - **Note:** The module will ignore this error message, as well as “-ERR NOT_SUBSCRIBED”, since they are expected.

Periodic Resubscribe Logic Code Example

```
from extronlib import event, Version
from extronlib.device import ProcessorDevice
from extronlib.system import Timer
from biam_dsp_TesiraSeries_v1_15_1_0 import SSHClass
from ConnectionHandler import GetConnectionHandler

print(Version())

Processor = ProcessorDevice('ProcessorAlias')
Biamp = GetConnectionHandler(SSHClass('192.168.254.254', 22, Credentials=('admin', 'extron'), Model='
TesiraFORTE AI'), 'VerboseMode', DisconnectLimit=5)

PollingTimer = None

def PeriodicResubscribeCallback(timer, count):
    Biamp.Update('MuteControl', {'Instance Tag': 'Mute1', 'Channel': '1'})
    print('Subscription sent')

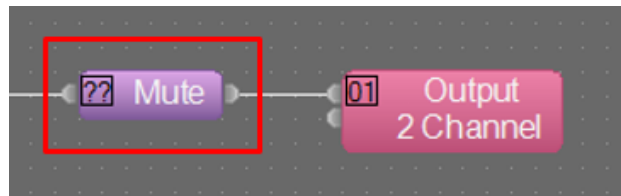
@event(Biamp, ['Connected', 'Disconnected'])
def ModuleEthernetStatus(interface, state):
    global PollingTimer
    if state == 'Connected':
        if PollingTimer is None:
            PeriodicResubscribeCallback(None, None)
            PollingTimer = Timer(30, PeriodicResubscribeCallback)
        else:
            PollingTimer.Restart()
    else:
        if PollingTimer:
            PollingTimer.Stop()

def FeedbackHandler(command, value, qualifier):
    print('Command: {}\nValue: {}\nQualifier: {}'.format(command, value, qualifier))

Biamp.Connect()
Biamp.SubscribeStatus('MuteControl', None, FeedbackHandler)
```

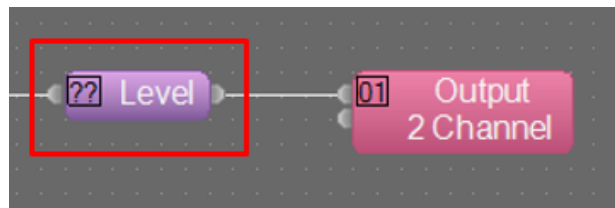
How to use MuteControl command:

- This command is only intended to control mutes for either a 'Level' block or a 'Mute' block. ***CAUTION: attempting to control any other blocks is not recommended and may cause issues.***
- If trying to control a mute for either the 'Input' block or the 'Output' block, add a 'Mute' block either after or before the block to control that instead (see example below).



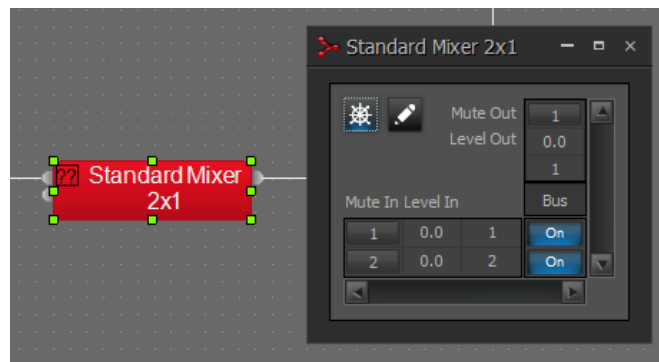
How to use FineLevelControl and LevelControl commands:

- These commands are only intended to control a 'Level' block. ***CAUTION: attempting to control any other blocks is not recommended and may cause issues.***
- These commands have the same functionality except different step sizes. Use them accordingly based on application requirements.
- If trying to control a level for either the 'Input' block or the 'Output' block, add a 'Level' block either after or before the block to control that instead (see example below).



How to use InputMute, InputLevel, OutputMute, and OutputLevel commands:

- These commands are intended to control the mutes and levels for 'Mixer' blocks only. ***CAUTION: attempting to control any other blocks is not recommended and may cause issues.***
- These commands are not intended to control mutes or levels within 'Input' blocks or 'Output' blocks. (see example below)



How to use TI Call Status and VoIP Call Status:

- The 'TI Control/Status' block must be used for TICallStatus, TICallerID, and TILineInUse commands.
- The 'VoIP Control/Status' block must be used for VoIPCallStatus, VoIPCallerID, and VoIPLineInUse commands.

CAUTION: using a 'Dialer' or 'HD-1' block to monitor any of these will not work.

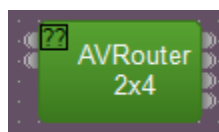
Commands that support subscribe status:

- The following commands support subscribe status:
 - AECPhantomPower
 - Bluetooth
 - BluetoothConnectedDeviceName
 - BluetoothDiscovery
 - BluetoothUSBConnectionStatus
 - BluetoothUSBStreamingStatus
 - FineLevelControl
 - LevelControl
 - LogicMeter
 - MuteControl
 - RoomCombinerOutputLevel
 - SignalPresentMeter
 - SourceSelectorSourceSelection
 - TICallStatus
 - TICallerID
 - TILineInUse
 - VoIPCallStatus
 - VoIPCallerID
 - VoIPLineInUse

Note: If using the TI commands, it is not recommended to dial via the Tesira software.

How to Control the AV Router block:

- If running firmware 3.9 or above, the 'AV Router' block can be controlled using the RouterControl command. To add an 'AV Router' block to the Tesira configuration, the 'Video' partition must be used.



Supported Classes and Examples

SerialClass

```
InterfaceName = ModuleName.SerialClass(ProcessorName, 'COM1', Model='TesiraFORTE AI')
```

SerialOverEthernetClass

```
InterfaceName = ModuleName.SerialOverEthernetClass('192.168.254.254', 2001, Model='TesiraFORTE AI')
```

SSHClass

```
#Password Required
```

```
InterfaceName = ModuleName.SSHClass('192.168.254.254', 22, Credentials=('admin', 'extron'),  
Model='TesiraFORTE AI')
```

```
#No Password Required
```

```
InterfaceName = ModuleName.SSHClass('192.168.254.254', 22, Credentials=('default', ''),  
Model='TesiraFORTE AI')
```

Set Commands

Format with Qualifier:

```
InterfaceName.Set(Command, Value, {'Qualifier Key': 'Qualifier Value'})
```

Format without Qualifier:

```
InterfaceName.Set(Command, Value)
```

Command	Value	Value	
AECEnable	'On'	'Off'	
Qualifier Key	Qualifier Value		
'Instance Tag'	'String'		
Qualifier Key	Qualifier Value		
'Channel'	'1' – '24'		
# AECEnable example InterfaceName.Set('AECEnable', 'On', {'Instance Tag': 'String', 'Channel': '1'})			
Command	Value		
AECGain	0 to 66 in steps of 6 dB		
Qualifier Key	Qualifier Value		
'Instance Tag'	'String'		
Qualifier Key	Qualifier Value		
'Channel'	'1' – '24'		
# AECGain example InterfaceName.Set('AECGain', 66, {'Instance Tag': 'String', 'Channel': '1'})			
Command	Value	Value	
AECPhantomPower	'On'	'Off'	
Qualifier Key	Qualifier Value		
'Instance Tag'	'String'		
Qualifier Key	Qualifier Value		
'Channel'	'1' – '24'		
# AECPhantomPower example InterfaceName.Set('AECPhantomPower', 'On', {'Instance Tag': 'String', 'Channel': '1'})			
Command	Value	Value	
AutoAnswer ¹	'On'	'Off'	
Qualifier Key	Qualifier Value		
'Instance Tag'	'String'		
Qualifier Key	Qualifier Value	Qualifier Value	
'Line' ⁵	'1' – '2'	'None'	
# AutoAnswer example InterfaceName.Set('AutoAnswer', 'On', {'Instance Tag': 'String', 'Line': '1'})			
Command	Value	Value	Value
AutoMixerCombinerInputGroup	'None'	'A' – 'Z'	'a' – 'f'

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Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Input'	Qualifier Value '1' – '32'	
# AutoMixerCombinerInputGroup example InterfaceName.Set('AutoMixerCombinerInputGroup', 'A', {'Instance Tag': 'String', 'Input': '1'})		
Command AVBInputLevel ^{6,8}	Value -100 to 12 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '60'	
# AVBInputLevel example InterfaceName.Set('AVBInputLevel', 12, {'Instance Tag': 'String', 'Channel': '1'})		
Command AVBInputMute ^{6,8}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '60'	
# AVBInputMute example InterfaceName.Set('AVBInputMute', 'On', {'Instance Tag': 'String', 'Channel': '1'})		
Command AVBOutputLevel ^{6,8}	Value -100 to 0 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '60'	
# AVBOutputLevel example InterfaceName.Set('AVBOutputLevel', 0, {'Instance Tag': 'String', 'Channel': '1'})		
Command AVBOutputMute ^{6,8}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '60'	
# AVBOutputMute example InterfaceName.Set('AVBOutputMute', 'On', {'Instance Tag': 'String', 'Channel': '1'})		
Command	Value	Value

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Bluetooth ^{6,7}	'On'	'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
# Bluetooth example InterfaceName.Set('Bluetooth', 'On', {'Instance Tag': 'String'})		
Command BluetoothDiscovery ^{6,7}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
# BluetoothDiscovery example InterfaceName.Set('BluetoothDiscovery', 'On', {'Instance Tag': 'String'})		
Command CrosspointLevel	Value -100 to 0 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Input'	Qualifier Value '1' – '256'	
Qualifier Key 'Output'	Qualifier Value '1' – '256'	
# CrosspointLevel example InterfaceName.Set('CrosspointLevel', 0, {'Instance Tag': 'String', 'Input': '1', 'Output': '1'})		
Command CrosspointState	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Input'	Qualifier Value '1' – '256'	
Qualifier Key 'Output'	Qualifier Value '1' – '256'	
# CrosspointState example InterfaceName.Set('CrosspointState', 'On', {'Instance Tag': 'String', 'Input': '1', 'Output': '1'})		
Command DoNotDisturb ^{1,2}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	
# DoNotDisturb example InterfaceName.Set('DoNotDisturb', 'On', {'Instance Tag': 'String', 'Line': '1'})		

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Command DTMF ¹	Value '0' – '9'	Value '*'	Value '#'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Line' ⁵	Qualifier Value '1' – '2'	Qualifier Value 'None'	
# DTMF example InterfaceName.Set('DTMF', '0', {'Instance Tag': 'String', 'Line': '1'})			
Command FineLevelControl	Value -100 to 12 in steps of 0.1 dB		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Channel'	Qualifier Value '1' – '32'		
# FineLevelControl example InterfaceName.Set('FineLevelControl', 12, {'Instance Tag': 'String', 'Channel': '1'})			
Command GraphicEqualizerBandGain	Value -30 to 15 in steps of 0.1 dB		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Band'	Qualifier Value '1' – '31'		
# GraphicEqualizerBandGain example InterfaceName.Set('GraphicEqualizerBandGain', 15, {'Instance Tag': 'String', 'Band': '1'})			
Command InputLevel	Value -100 to 12 in steps of 1 dB		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Channel'	Qualifier Value '1' – '256'		
# InputLevel example InterfaceName.Set('InputLevel', 12, {'Instance Tag': 'String', 'Channel': '1'})			
Command InputMute	Value 'On'	Value 'Off'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Channel'	Qualifier Value '1' – '256'		

# InputMute example InterfaceName.Set('InputMute', 'On', {'Instance Tag': 'String', 'Channel': '1'})		
Command LevelControl	Value -100 to 12 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '32'	
# LevelControl example InterfaceName.Set('LevelControl', 12, {'Instance Tag': 'String', 'Channel': '1'})		
Command LogicInputOutput	Value 'True'	Value 'False'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '16'	
# LogicInputOutput example InterfaceName.Set('LogicInputOutput', 'True', {'Instance Tag': 'String', 'Channel': '1'})		
Command LogicState	Value 'True'	Value 'False'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '32'	
# LogicState example InterfaceName.Set('LogicState', 'True', {'Instance Tag': 'String', 'Channel': '1'})		
Command MuteControl	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '32'	
# MuteControl example InterfaceName.Set('MuteControl', 'On', {'Instance Tag': 'String', 'Channel': '1'})		
Command NewSpeedDialEntryNameCommand ¹	Value 'String'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	

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Qualifier Key 'Entry'	Qualifier Value '1' – '16'
# NewSpeedDialEntryNameCommand example InterfaceName.Set('NewSpeedDialEntryNameCommand', 'String', {'Instance Tag': 'String', 'Line': '1', 'Entry': '1'})	
Command NewSpeedDialEntryNumberCommand ¹	Value 'String'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'
Qualifier Key 'Line'	Qualifier Value '1' – '2'
Qualifier Key 'Entry'	Qualifier Value '1' – '16'
# NewSpeedDialEntryNumberCommand example InterfaceName.Set('NewSpeedDialEntryNumberCommand', 'String', {'Instance Tag': , 'Line': '1', 'Entry': '1'})	
Command OutputLevel	Value -100 to 12 in steps of 1 dB
Qualifier Key 'Instance Tag'	Qualifier Value 'String'
Qualifier Key 'Channel'	Qualifier Value '1' – '256'
# OutputLevel example InterfaceName.Set('OutputLevel', 12, {'Instance Tag': 'String', 'Channel': '1'})	
Command OutputMute	Value 'On' Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'
Qualifier Key 'Channel'	Qualifier Value '1' – '256'
# OutputMute example InterfaceName.Set('OutputMute', 'On', {'Instance Tag': 'String', 'Channel': '1'})	
Command PresetRecall	Value '1' – '128' ⁴
# PresetRecall example InterfaceName.Set('PresetRecall', '1')	
Command PresetRecallName	Value None
Qualifier Key 'Name'	Qualifier Value 'String'
# PresetRecallName example	

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InterfaceName.Set('PresetRecallName', None, {'Name': 'String'})	
Command PresetSave	Value '1' – '128' ⁴
# PresetSave example InterfaceName.Set('PresetSave', '1')	
Command PresetSaveName	Value None
Qualifier Key 'Name'	Qualifier Value 'String'
# PresetSaveName example InterfaceName.Set('PresetSaveName', None, {'Name': 'String'})	
Command RoomCombinerGroup	Value '0' – '16'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'
Qualifier Key 'Room'	Qualifier Value '1' – '32'
# RoomCombinerGroup example InterfaceName.Set('RoomCombinerGroup', '0', {'Instance Tag': 'String', 'Room': '1'})	
Command RoomCombinerInputLevel	Value -100 to 12 in steps of 1 dB
Qualifier Key 'Instance Tag'	Qualifier Value 'String'
Qualifier Key 'Room'	Qualifier Value '1' – '32'
# RoomCombinerInputLevel example InterfaceName.Set('RoomCombinerInputLevel', 12, {'Instance Tag': 'String', 'Room': '1'})	
Command RoomCombinerInputMute	Value 'On' Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'
Qualifier Key 'Room'	Qualifier Value '1' – '32'
# RoomCombinerInputMute example InterfaceName.Set('RoomCombinerInputMute', 'On', {'Instance Tag': 'String', 'Room': '1'})	
Command RoomCombinerOutputLevel	Value -100 to 12 in steps of 1 dB
Qualifier Key 'Instance Tag'	Qualifier Value 'String'

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Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerOutputLevel example InterfaceName.Set('RoomCombinerOutputLevel', 12, {'Instance Tag': 'String', 'Room': '1'})		
Command RoomCombinerOutputMute	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerOutputMute example InterfaceName.Set('RoomCombinerOutputMute', 'On', {'Instance Tag': 'String', 'Room': '1'})		
Command RoomCombinerSourceLevel	Value -100 to 12 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerSourceLevel example InterfaceName.Set('RoomCombinerSourceLevel', 12, {'Instance Tag': 'String', 'Room': '1'})		
Command RoomCombinerSourceMute	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerSourceMute example InterfaceName.Set('RoomCombinerSourceMute', 'On', {'Instance Tag': 'String', 'Room': '1'})		
Command RoomCombinerSourceSelection	Value 'No Source'	Value '1' – '4'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerSourceSelection example InterfaceName.Set('RoomCombinerSourceSelection', 'No Source', {'Instance Tag': 'String', 'Room': '1'})		
Command RoomCombinerWall	Value 'Open'	Value 'Close'
Qualifier Key	Qualifier Value	

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'Instance Tag'	'String'		
Qualifier Key 'Wall'	Qualifier Value '1' – '46'		
# RoomCombinerWall example InterfaceName.Set('RoomCombinerWall', 'Open', {'Instance Tag': 'String', 'Wall': '1'})			
Command RouterControl	Value '0' – '256'		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Output'	Qualifier Value '1' – '256'		
# RouterControl example InterfaceName.Set('RouterControl', '0', {'Instance Tag': 'String', 'Output': '1'})			
Command SourceSelectorSourceSelection	Value 'No Source'	Value '1' – '32'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# SourceSelectorSourceSelection example InterfaceName.Set('SourceSelectorSourceSelection', 'No Source', {'Instance Tag': 'String'})			
Command SpeedDial ¹	Value '1' – '16'		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Line'	Qualifier Value '1' – '2'		
Qualifier Key 'Call Appearance'	Qualifier Value '1' – '6'		
# SpeedDial example InterfaceName.Set('SpeedDial', '1', {'Instance Tag': 'String', 'Line': '1', 'Call Appearance': '1'})			
Command TIHook ^{1, 3}	Value 'Dial' 'Answer' 'End'	Value 'Redial' 'Off'	Value 'Flash' 'On'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Line' ⁵	Qualifier Value '1' – '2'	Qualifier Value 'None'	
Qualifier Key 'Number' ⁹	Qualifier Value 'String'		
# TIHook example			

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InterfaceName.Set('TIHook', 'Dial', {'Instance Tag': 'String', 'Line': '1', 'Number': '1234'}) InterfaceName.Set('TIHook', 'Send', {'Instance Tag': 'String', 'Line': '1'})			
Command TIReceiveLevel ^{1,3}	Value -100 to 12 in steps of 1 dB		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# TIReceiveLevel example InterfaceName.Set('TIReceiveLevel', 12, {'Instance Tag': 'String'})			
Command TIReceiveMute ^{1,3}	Value 'On'	Value 'Off'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# TIReceiveMute example InterfaceName.Set('TIReceiveMute', 'On', {'Instance Tag': 'String'})			
Command TITransmitLevel ^{1,3}	Value -100 to 0 in steps of 1 dB		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# TITransmitLevel example InterfaceName.Set('TITransmitLevel', 0, {'Instance Tag': 'String'})			
Command TITransmitMute ^{1,3}	Value 'On'	Value 'Off'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# TITransmitMute example InterfaceName.Set('TITransmitMute', 'On', {'Instance Tag': 'String'})			
Command VoIPHook ^{1,2}	Value 'Dial' 'Send' 'Resume' 'Off' Transfer	Value 'Redial' 'Answer' 'Leave Conference' 'On'	Value 'Flash' 'Conference' 'Hold' 'End'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Line'	Qualifier Value '1' – '2'		
Qualifier Key 'Call Appearance'	Qualifier Value '1' – '6'		

Qualifier Key 'Number' ⁹	Qualifier Value 'String'	
# VoIPHook example InterfaceName.Set('VoIPHook', 'Dial', {'Instance Tag': 'String', 'Line': '1', 'Call Appearance': '1', 'Number': '192.168.254.254'}) InterfaceName.Set('VoIPHook', 'Off', {'Instance Tag': 'String', 'Line': '1', 'Call Appearance': '1'})		
Command VoIPReceiveLevel ^{1, 2}	Value -100 to 12 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	
# VoIPReceiveLevel example InterfaceName.Set('VoIPReceiveLevel', 12, {'Instance Tag': 'String', 'Line': '1'})		
Command VoIPReceiveMute ^{1, 2}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	
# VoIPReceiveMute example InterfaceName.Set('VoIPReceiveMute', 'On', {'Instance Tag': 'String', 'Line': '1'})		
Command VoIPTransmitLevel ^{1, 2}	Value -100 to 0 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	
# VoIPTransmitLevel example InterfaceName.Set('VoIPTransmitLevel', 0, {'Instance Tag': 'String', 'Line': '1'})		
Command VoIPTransmitMute ^{1, 2}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	
# VoIPTransmitMute example InterfaceName.Set('VoIPTransmitMute', 'On', {'Instance Tag': 'String', 'Line': '1'})		

¹ Not available for TesiraFORTE AI, TesiraFORTE CI, or Tesira SERVER models

² Not available for TesiraFORTE TI models

³ Not available for TesiraFORTE VI or TesiraFORTE X models

⁴ Preset values start at 1001 in Tesira software. (Preset Recall 1 in module corresponds to Preset 1001 in Tesira software, e.g.)

⁵ If using a software dialer (either 'TI Dialer' or 'VoIP Dialer' blocks) or controlling the 'VoIP Control/Status' block, Line 1 or 2 is required to use. If using a hardware dialer ('HD-1' block) or controlling the 'TI Control/Status' block, None is required to use.

⁶ Only available for Tesira SERVER, Tesira SERVER-IO, TesiraFORTE DAN, TesiraFORTE AVB, and TesiraFORTE X models

⁷ Requires Tesira EX-UBT expander to use

⁸ Requires TesiraCONNECT TC-5D expander to use for TesiraFORTE DAN models

⁹ Only required when using Dial command.

Status Available

For all commands, call Update to receive the latest status. ConnectionStatus does not support the Update function and is triggered by the device providing a successful response to other Update function calls.

Format with Qualifier:

```
InterfaceName.Update(Command, {'Qualifier Key': 'Qualifier Value'})
Value = InterfaceName.ReadStatus(Command, {'Qualifier Key': 'Qualifier Value'})
InterfaceName.SubscribeStatus(Command, {'Qualifier Key': 'Qualifier Value'}, FeedbackHandler)
FeedbackHandler will be called only when the specified qualifier gets a new status.
```

Format without Qualifier:

```
InterfaceName.Update(Command)
Value = InterfaceName.ReadStatus(Command)
InterfaceName.SubscribeStatus(Command, None, FeedbackHandler)
FeedbackHandler will be called when any qualifier gets a new status.
```

Command	Value	Value
AECEnable	'On'	'Off'
Qualifier Key	Qualifier Value	
'Instance Tag'	'String'	
Qualifier Key	Qualifier Value	
'Channel'	'1' – '24'	
# AECEnable examples InterfaceName.Update('AECEnable', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('AECEnable', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('AECEnable', None, FeedbackHandler)		
Command	Value	
AECGain	0 to 66 in steps of 6 dB	
Qualifier Key	Qualifier Value	
'Instance Tag'	'String'	
Qualifier Key	Qualifier Value	
'Channel'	'1' – '24'	
# AECGain examples InterfaceName.Update('AECGain', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('AECGain', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('AECGain', None, FeedbackHandler)		
Command	Value	Value
AECPhantomPower	'On'	'Off'
Qualifier Key	Qualifier Value	
'Instance Tag'	'String'	
Qualifier Key	Qualifier Value	
'Channel' ⁹	'1' – '24'	

# AECPhantomPower examples InterfaceName.Update('AECPhantomPower', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('AECPhantomPower', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('AECPhantomPower', None, FeedbackHandler)			
Command AutoAnswer ¹	Value 'On'	Value 'Off'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Line' ⁵	Qualifier Value '1' – '2'	Qualifier Value 'None'	
# AutoAnswer examples InterfaceName.Update('AutoAnswer', {'Instance Tag': 'String', 'Line': '1'}) Value = InterfaceName.ReadStatus('AutoAnswer', {'Instance Tag': 'String', 'Line': '1'}) InterfaceName.SubscribeStatus('AutoAnswer', None, FeedbackHandler)			
Command AutoMixerCombinerInputGroup	Value 'None'	Value 'A' – 'Z'	Value 'a' – 'f'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Input'	Qualifier Value '1' – '32'		
# AutoMixerCombinerInputGroup examples InterfaceName.Update('AutoMixerCombinerInputGroup', {'Instance Tag': 'String', 'Input': '1'}) Value = InterfaceName.ReadStatus('AutoMixerCombinerInputGroup') InterfaceName.SubscribeStatus('AutoMixerCombinerInputGroup', None, FeedbackHandler)			
Command AVBInputLevel ^{6, 8}	Value -100 to 12 in steps of 1 dB		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Channel'	Qualifier Value '1' – '60'		
# AVBInputLevel examples InterfaceName.Update('AVBInputLevel', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('AVBInputLevel', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('AVBInputLevel', None, FeedbackHandler)			
Command AVBInputMute ^{6, 8}	Value 'On'	Value 'Off'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Channel'	Qualifier Value '1' – '60'		
# AVBInputMute examples InterfaceName.Update('AVBInputMute', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('AVBInputMute', {'Instance Tag': 'String', 'Channel': '1'})			

InterfaceName.SubscribeStatus('AVBInputMute', None, FeedbackHandler)		
Command AVBOutputLevel ^{6, 8}	Value -100 to 0 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '60'	
# AVBOutputLevel examples InterfaceName.Update('AVBOutputLevel', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('AVBOutputLevel', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('AVBOutputLevel', None, FeedbackHandler)		
Command AVBOutputMute ^{6, 8}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '60'	
# AVBOutputMute examples InterfaceName.Update('AVBOutputMute', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('AVBOutputMute', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('AVBOutputMute', None, FeedbackHandler)		
Command Bluetooth ^{6, 7}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
# Bluetooth examples InterfaceName.Update('Bluetooth', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('Bluetooth', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('Bluetooth', None, FeedbackHandler)		
Command BluetoothConnectedDeviceName ^{6, 7}	Value 'String'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
# BluetoothConnectedDeviceName examples InterfaceName.Update('BluetoothConnectedDeviceName', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('BluetoothConnectedDeviceName', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('BluetoothConnectedDeviceName', None, FeedbackHandler)		
Command BluetoothDeviceName ^{6, 7}	Value 'String'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
# BluetoothDeviceName examples		

<pre>InterfaceName.Update('BluetoothDeviceName', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('BluetoothDeviceName', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('BluetoothDeviceName', None, FeedbackHandler)</pre>		
Command BluetoothDiscovery ^{6,7}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
<pre># BluetoothDiscovery examples InterfaceName.Update('BluetoothDiscovery', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('BluetoothDiscovery', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('BluetoothDiscovery', None, FeedbackHandler)</pre>		
Command BluetoothUSBConnectionStatus ^{6, 7}	Value 'Connected'	Value 'Disconnected'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
<pre># BluetoothUSBConnectionStatus examples InterfaceName.Update('BluetoothUSBConnectionStatus', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('BluetoothUSBConnectionStatus', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('BluetoothUSBConnectionStatus', None, FeedbackHandler)</pre>		
Command BluetoothUSBStreamingStatus ^{6,7}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
<pre># BluetoothUSBStreamingStatus examples InterfaceName.Update('BluetoothUSBStreamingStatus', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('BluetoothUSBStreamingStatus', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('BluetoothUSBStreamingStatus', None, FeedbackHandler)</pre>		
Command ConnectionStatus	Value 'Connected'	Value 'Disconnected'
<pre># ConnectionStatus examples Value = InterfaceName.ReadStatus('ConnectionStatus') InterfaceName.SubscribeStatus('ConnectionStatus', None, FeedbackHandler)</pre>		
Command CrosspointLevel	Value -100 to 0 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Input'	Qualifier Value '1' – '256'	
Qualifier Key 'Output'	Qualifier Value '1' – '256'	
<pre># CrosspointLevel examples InterfaceName.Update('CrosspointLevel', {'Instance Tag': 'String', 'Input': '1', 'Output': '1'})</pre>		

Value = InterfaceName.ReadStatus('CrosspointLevel', {'Instance Tag': 'String', 'Input': '1', 'Output': '1'}) InterfaceName.SubscribeStatus('CrosspointLevel', None, FeedbackHandler)		
Command CrosspointState	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Input'	Qualifier Value '1' – '256'	
Qualifier Key 'Output'	Qualifier Value '1' – '256'	
# CrosspointState examples InterfaceName.Update('CrosspointState', {'Instance Tag': 'String', 'Input': '1', 'Output': '1'}) Value = InterfaceName.ReadStatus('CrosspointState', {'Instance Tag': 'String', 'Input': '1', 'Output': '1'}) InterfaceName.SubscribeStatus('CrosspointState', None, FeedbackHandler)		
Command DeviceFaultList	Value 'No Fault in Device'	Value 'Errors in Fault List'
# CrosspointState examples InterfaceName.Update('DeviceFaultList') Value = InterfaceName.ReadStatus('DeviceFaultList') InterfaceName.SubscribeStatus('DeviceFaultList', None, FeedbackHandler)		
Command DoNotDisturb ^{1, 2}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	
# DoNotDisturb examples InterfaceName.Update('DoNotDisturb', {'Instance Tag': 'String', 'Line': '1'}) Value = InterfaceName.ReadStatus('DoNotDisturb', {'Instance Tag': 'String', 'Line': '1'}) InterfaceName.SubscribeStatus('DoNotDisturb', None, FeedbackHandler)		
Command FineLevelControl	Value -100 to 12 in steps of 0.1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel' ⁹	Qualifier Value '1' – '32'	
# FineLevelControl examples InterfaceName.Update('FineLevelControl', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('FineLevelControl', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('FineLevelControl', None, FeedbackHandler)		
Command	Value	

FirmwareVersion	String	
# FirmwareVersion examples InterfaceName.Update('FirmwareVersion') Value = InterfaceName.ReadStatus('FirmwareVersion') InterfaceName.SubscribeStatus('FirmwareVersion', None, FeedbackHandler)		
Command GraphicEqualizerBandGain	Value -30 to 15 in steps of 0.1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Band'	Qualifier Value '1' – '31'	
# GraphicEqualizerBandGain examples InterfaceName.Update('GraphicEqualizerBandGain', {'Instance Tag': 'String', 'Band': '1'}) Value = InterfaceName.ReadStatus('GraphicEqualizerBandGain', {'Instance Tag': 'String', 'Band': '1'}) InterfaceName.SubscribeStatus('GraphicEqualizerBandGain', None, FeedbackHandler)		
Command InputLevel	Value -100 to 12 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '256'	
# InputLevel examples InterfaceName.Update('InputLevel', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('InputLevel', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('InputLevel', None, FeedbackHandler)		
Command InputMute	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '256'	
# InputMute examples InterfaceName.Update('InputMute', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('InputMute', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('InputMute', None, FeedbackHandler)		
Command LastDialed ¹	Value 'String'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key	Qualifier Value	Qualifier Value

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'Line' ⁵	'1' – '2'	'None'
# LastDialed examples InterfaceName.Update('LastDialed', {'Instance Tag': 'String', 'Line': '1'}) Value = InterfaceName.ReadStatus('LastDialed', {'Instance Tag': 'String', 'Line': '1'}) InterfaceName.SubscribeStatus('LastDialed', None, FeedbackHandler)		
Command LevelControl	Value -100 to 12 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel' ⁹	Qualifier Value '1' – '32'	
# LevelControl examples InterfaceName.Update('LevelControl', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('LevelControl', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('LevelControl', None, FeedbackHandler)		
Command LogicInputOutput	Value 'True'	Value 'False'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '16'	
# LogicInputOutput examples InterfaceName.Update('LogicInputOutput', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('LogicInputOutput', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('LogicInputOutput', None, FeedbackHandler)		
Command LogicMeter	Value 'True'	Value 'False'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel' ⁹	Qualifier Value '1' – '32'	
# LogicMeter examples InterfaceName.Update('LogicMeter', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('LogicMeter', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('LogicMeter', None, FeedbackHandler)		
Command LogicState	Value 'True'	Value 'False'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '32'	
# LogicState examples		

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<pre>InterfaceName.Update('LogicState', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('LogicState', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('LogicState', None, FeedbackHandler)</pre>		
Command MuteControl	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel' ⁹	Qualifier Value '1' – '32'	
<pre># MuteControl examples InterfaceName.Update('MuteControl', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('MuteControl', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('MuteControl', None, FeedbackHandler)</pre>		
Command OutputLevel	Value -100 to 12 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '256'	
<pre># OutputLevel examples InterfaceName.Update('OutputLevel', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('OutputLevel', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('OutputLevel', None, FeedbackHandler)</pre>		
Command OutputMute	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '256'	
<pre># OutputMute examples InterfaceName.Update('OutputMute', {'Instance Tag': 'String', 'Channel': '1'}) Value = InterfaceName.ReadStatus('OutputMute', {'Instance Tag': 'String', 'Channel': '1'}) InterfaceName.SubscribeStatus('OutputMute', None, FeedbackHandler)</pre>		
Command RoomCombinerGroup	Value '0' – '16'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
<pre># RoomCombinerGroup examples InterfaceName.Update('RoomCombinerGroup', {'Instance Tag': 'String', 'Room': '1'}) Value = InterfaceName.ReadStatus('RoomCombinerGroup', {'Instance Tag': 'String', 'Room': '1'}) InterfaceName.SubscribeStatus('RoomCombinerGroup', None, FeedbackHandler)</pre>		

Command RoomCombinerInputLevel	Value -100 to 12 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerInputLevel examples InterfaceName.Update('RoomCombinerInputLevel', {'Instance Tag': 'String', 'Room': '1'}) Value = InterfaceName.ReadStatus('RoomCombinerInputLevel', {'Instance Tag': 'String', 'Room': '1'}) InterfaceName.SubscribeStatus('RoomCombinerInputLevel', None, FeedbackHandler)		
Command RoomCombinerInputMute	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerInputMute examples InterfaceName.Update('RoomCombinerInputMute', {'Instance Tag': 'String', 'Room': '1'}) Value = InterfaceName.ReadStatus('RoomCombinerInputMute', {'Instance Tag': 'String', 'Room': '1'}) InterfaceName.SubscribeStatus('RoomCombinerInputMute', None, FeedbackHandler)		
Command RoomCombinerOutputLevel	Value -100 to 12 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerOutputLevel examples InterfaceName.Update('RoomCombinerOutputLevel', {'Instance Tag': 'String', 'Room': '1'}) Value = InterfaceName.ReadStatus('RoomCombinerOutputLevel', {'Instance Tag': 'String', 'Room': '1'}) InterfaceName.SubscribeStatus('RoomCombinerOutputLevel', None, FeedbackHandler)		
Command RoomCombinerOutputMute	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerOutputMute examples InterfaceName.Update('RoomCombinerOutputMute', {'Instance Tag': 'String', 'Room': '1'}) Value = InterfaceName.ReadStatus('RoomCombinerOutputMute', {'Instance Tag': 'String', 'Room': '1'}) InterfaceName.SubscribeStatus('RoomCombinerOutputMute', None, FeedbackHandler)		

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InterfaceName.SubscribeStatus('RoomCombinerOutputMute', None, FeedbackHandler)		
Command RoomCombinerSourceLevel	Value -100 to 12 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerSourceLevel examples InterfaceName.Update('RoomCombinerSourceLevel', {'Instance Tag': 'String', 'Room': '1'}) Value = InterfaceName.ReadStatus('RoomCombinerSourceLevel', {'Instance Tag': 'String', 'Room': '1'}) InterfaceName.SubscribeStatus('RoomCombinerSourceLevel', None, FeedbackHandler)		
Command RoomCombinerSourceMute	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerSourceMute examples InterfaceName.Update('RoomCombinerSourceMute', {'Instance Tag': 'String', 'Room': '1'}) Value = InterfaceName.ReadStatus('RoomCombinerSourceMute', {'Instance Tag': 'String', 'Room': '1'}) InterfaceName.SubscribeStatus('RoomCombinerSourceMute', None, FeedbackHandler)		
Command RoomCombinerSourceSelection	Value '1' – '4'	Value 'No Source'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Room'	Qualifier Value '1' – '32'	
# RoomCombinerSourceSelection examples InterfaceName.Update('RoomCombinerSourceSelection', {'Instance Tag': 'String', 'Room': '1'}) Value = InterfaceName.ReadStatus('RoomCombinerSourceSelection', {'Instance Tag': 'String', 'Room': '1'}) InterfaceName.SubscribeStatus('RoomCombinerSourceSelection', None, FeedbackHandler)		
Command RoomCombinerWall	Value 'Open'	Value 'Close'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Wall'	Qualifier Value '1' – '46'	
# RoomCombinerWall examples InterfaceName.Update('RoomCombinerWall', {'Instance Tag': 'String', 'Wall': '1'}) Value = InterfaceName.ReadStatus('RoomCombinerWall', {'Instance Tag': 'String', 'Wall': '1'})		

InterfaceName.SubscribeStatus('RoomCombinerWall', None, FeedbackHandler)		
Command RouterControl	Value '0' – '256'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Output'	Qualifier Value '1' – '256'	
# RouterControl examples InterfaceName.Update('RouterControl', {'Instance Tag': 'String', 'Output': '1'}) Value = InterfaceName.ReadStatus('RouterControl', {'Instance Tag': 'String', 'Output': '1'}) InterfaceName.SubscribeStatus('RouterControl', None, FeedbackHandler)		
Command SignalPresentMeter	Value 'Signal Present'	Value 'No Signal Present'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Channel'	Qualifier Value '1' – '32'	
Qualifier Key 'Meter Name'	Qualifier Value 'String' ⁴	
# SignalPresentMeter examples InterfaceName.Update('SignalPresentMeter', {'Instance Tag': 'String', 'Channel': '1', 'Meter Name': 'String'}) Value = InterfaceName.ReadStatus('SignalPresentMeter', {'Instance Tag': 'String', 'Channel': '1', 'Meter Name': 'String'}) InterfaceName.SubscribeStatus('SignalPresentMeter', None, FeedbackHandler)		
Command SourceSelectorSourceSelection	Value '1' – '32'	Value 'No Source'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
# SourceSelectorSourceSelection examples InterfaceName.Update('SourceSelectorSourceSelection', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('SourceSelectorSourceSelection', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('SourceSelectorSourceSelection', None, FeedbackHandler)		
Command SpeedDialEntryName ¹	Value 'String'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	
Qualifier Key 'Entry'	Qualifier Value '1' – '16'	
# SpeedDialEntryName examples InterfaceName.Update('SpeedDialEntryName', {'Instance Tag': 'String', 'Line': '1', 'Entry': '1'})		

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Value = InterfaceName.ReadStatus('SpeedDialEntryName', {'Instance Tag': 'String','Line': '1', 'Entry': '1'}) InterfaceName.SubscribeStatus('SpeedDialEntryName', None, FeedbackHandler)			
Command SpeedDialEntryNumber ¹	Value 'String'		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Line'	Qualifier Value '1' – '2'		
Qualifier Key 'Entry'	Qualifier Value '1' – '16'		
# SpeedDialEntryNumber examples InterfaceName.Update('SpeedDialEntryNumber', {'Instance Tag': 'String', 'Line': '1', 'Entry': '1'}) Value = InterfaceName.ReadStatus('SpeedDialEntryNumber', {'Instance Tag': 'String', 'Line': '1', 'Entry': '1'}) InterfaceName.SubscribeStatus('SpeedDialEntryNumber', None, FeedbackHandler)			
Command TICallStatus ^{1,3}	Value 'Init'	Value 'Fault'	Value 'Idle'
	'Dialing'	'Ringback'	'Ringing'
	'Busy Tone'	'Connected Mute'	'Dropped'
	'Error Tone'	'Connected'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# TICallStatus examples InterfaceName.Update('TICallStatus', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('TICallStatus', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('TICallStatus', None, FeedbackHandler)			
Command TICallerID ^{1,3}	Value 'String'		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# TICallerID examples InterfaceName.Update('TICallerID', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('TICallerID', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('TICallerID', None, FeedbackHandler)			
Command TILineInUse ^{1,3}	Value 'In Use'	Value 'Not in Use'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# TILineInUse examples InterfaceName.Update('TILineInUse', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('TILineInUse', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('TILineInUse', None, FeedbackHandler)			

Command TIReceiveLevel ^{1, 3}	Value -100 to 12 in steps of 1 dB		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# TIReceiveLevel examples InterfaceName.Update('TIReceiveLevel', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('TIReceiveLevel', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('TIReceiveLevel', None, FeedbackHandler)			
Command TIReceiveMute ^{1, 3}	Value 'On'	Value 'Off'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# TIReceiveMute examples InterfaceName.Update('TIReceiveMute', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('TIReceiveMute', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('TIReceiveMute', None, FeedbackHandler)			
Command TITransmitLevel ^{1, 3}	Value -100 to 0 in steps of 1 dB		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# TITransmitLevel examples InterfaceName.Update('TITransmitLevel', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('TITransmitLevel', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('TITransmitLevel', None, FeedbackHandler)			
Command TITransmitMute ^{1, 3}	Value 'On'	Value 'Off'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
# TITransmitMute examples InterfaceName.Update('TITransmitMute', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('TITransmitMute', {'Instance Tag': 'String'}) InterfaceName.SubscribeStatus('TITransmitMute', None, FeedbackHandler)			
Command VerboseMode	Value 'True'	Value 'False'	
# VerboseMode examples InterfaceName.Update('VerboseMode') Value = InterfaceName.ReadStatus('VerboseMode') InterfaceName.SubscribeStatus('VerboseMode', None, FeedbackHandler)			
Command VoIPCallStatus ^{1, 2}	Value 'Init'	Value 'Fault'	Value 'Idle'
	'Dialtone'	'Silent'	'Dialing'
	'Ringback'	'Ringing'	'Answer Call'

	'Busy'	'Reject'	'Invalid Number'
	'Active'	'Active Muted'	'On Hold'
	'Waiting Ring'	'Conf Active'	'Conf Hold'
	'Transfer Init'	'Transfer Silent'	'Transfer Req Dialing'
	'Transfer Process'	'Transfer Replaces Process'	'Transfer Active'
	'Transfer Ringback'	'Transfer On Hold'	'Transfer Decision'
	'Transfer Init Error'	'Transfer Wait'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Line' ⁹	Qualifier Value '1' – '2'		
Qualifier Key 'Call Appearance' ⁹	Qualifier Value '1' – '6'		
<pre># VoIPCallStatus examples InterfaceName.Update('VoIPCallStatus', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('VoIPCallStatus', {'Instance Tag': 'String', 'Line': '1', 'Call Appearance': '1'}) InterfaceName.SubscribeStatus('VoIPCallStatus', None, FeedbackHandler)</pre>			
Command VoIPCallerID ^{1, 2}	Value 'String'		
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Line' ⁹	Qualifier Value '1' – '2'		
Qualifier Key 'Call Appearance' ⁹	Qualifier Value '1' – '6'		
<pre># VoIPCallerID examples InterfaceName.Update('VoIPCallerID', {'Instance Tag': 'String'}) Value = InterfaceName.ReadStatus('VoIPCallerID', {'Instance Tag': 'String', 'Line': '1', 'Call Appearance': '1'}) InterfaceName.SubscribeStatus('VoIPCallerID', None, FeedbackHandler)</pre>			
Command VoIPLineInUse ^{1, 2}	Value 'In Use'	Value 'Not in Use'	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'		
Qualifier Key 'Line'	Qualifier Value '1' – '2'		
Qualifier Key 'Call Appearance'	Qualifier Value '1' – '6'		
<pre># VoIPLineInUse examples</pre>			

<pre>InterfaceName.Update('VoIPLineInUse', {'Instance Tag': 'String', 'Line': '1', 'Call Appearance': '1'}) Value = InterfaceName.ReadStatus('VoIPLineInUse', {'Instance Tag': 'String', 'Line': '1', 'Call Appearance': '1'}) InterfaceName.SubscribeStatus('VoIPLineInUse', None, FeedbackHandler)</pre>		
Command VoIPReceiveLevel ^{1, 2}	Value -100 to 12 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	
<pre># VoIPReceiveLevel examples InterfaceName.Update('VoIPReceiveLevel', {'Instance Tag': 'String', 'Line': '1'}) Value = InterfaceName.ReadStatus('VoIPReceiveLevel', {'Instance Tag': 'String', 'Line': '1'}) InterfaceName.SubscribeStatus('VoIPReceiveLevel', None, FeedbackHandler)</pre>		
Command VoIPReceiveMute ^{1, 2}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	
<pre># VoIPReceiveMute examples InterfaceName.Update('VoIPReceiveMute', {'Instance Tag': 'String', 'Line': '1'}) Value = InterfaceName.ReadStatus('VoIPReceiveMute', {'Instance Tag': 'String', 'Line': '1'}) InterfaceName.SubscribeStatus('VoIPReceiveMute', None, FeedbackHandler)</pre>		
Command VoIPTransmitLevel ^{1, 2}	Value -100 to 0 in steps of 1 dB	
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	
<pre># VoIPTransmitLevel examples InterfaceName.Update('VoIPTransmitLevel', {'Instance Tag': 'String', 'Line': '1'}) Value = InterfaceName.ReadStatus('VoIPTransmitLevel', {'Instance Tag': 'String', 'Line': '1'}) InterfaceName.SubscribeStatus('VoIPTransmitLevel', None, FeedbackHandler)</pre>		
Command VoIPTransmitMute ^{1, 2}	Value 'On'	Value 'Off'
Qualifier Key 'Instance Tag'	Qualifier Value 'String'	
Qualifier Key 'Line'	Qualifier Value '1' – '2'	
<pre># VoIPTransmitMute examples InterfaceName.Update('VoIPTransmitMute', {'Instance Tag': 'String', 'Line': '1'})</pre>		

```
Value = InterfaceName.ReadStatus('VoIPTransmitMute', {'Instance Tag': 'String', 'Line': '1'})  
InterfaceName.SubscribeStatus('VoIPTransmitMute', None, FeedbackHandler)
```

¹ Not available on TesiraFORTE AI, TesiraFORTE CI, or TESIRA SERVER models

² Not available on TesiraFORTE TI models

³ Not available for TesiraFORTE VI or TesiraFORTE X models

⁴ Should match the 'Identifier' label within the 'Signal Present Meter' block of the Tesira software. Underscores ('_') cannot be used.

⁵ If using a software dialer (either 'TI Dialer' or 'VoIP Dialer' blocks) or monitoring the 'VoIP Control/Status' block, Line 1 or 2 is required to use. If using a hardware dialer ('HD-1' block) or monitoring the 'TI Control/Status' block, None is required to use.

⁶ Only available for Tesira SERVER, Tesira SERVER-IO, TesiraFORTE DAN, TesiraFORTE AVB, and TesiraFORTE X models

⁷ Requires Tesira EX-UBT expander to use

⁸ Requires TesiraCONNECT TC-5D expander to use for TesiraFORTE DAN models

⁹ This parameter is not needed when using the corresponding Update command since one command returns status for all parameters inside the Tesira block.

Cable and Adapter Requirements

Captive Screw to Male DB9 RS-232 Serial Cable

Notes for the Device

- Serial control is not supported for TesiraFORTE X models.

Serial communication

Port Type: RS-232

Baud Rate: 115200

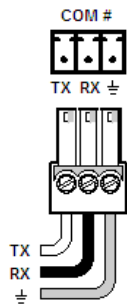
Data Bits: 8

Parity: None

Stop Bits: One

Flow Control: None

Pin Assignments Diagram



Signal	Main Cable	Pin	Signal
TxD		2	TxD
RxD		3	RxD
GND		5	GND



Network communication

When configuring the Ethernet module, be sure device settings match those of the Global Scripter ethernet interface

Port Type:	Ethernet (SSH)
Default Port:	22
Logon Credentials Supported:	Yes
Default User Name:	default
Multi-Connection	Yes
Capabilities:	
Port Changeability:	No

Ethernet Module Configuration Description

Please refer to user manual for settings and changes to the network communication parameters such as: Username and Password.

- Regardless if using a protected (password) or unprotected (no password) Tesira system, username is always required. The username should be:
 - 'admin' in a protected system
 - 'default' in an unprotected system
- Password must be set accordingly in a protected system or left blank in an unprotected system.

Notes for the Device

- For the module to work, SSH communication must be enabled on the device. This can be done from the Tesira software: “Device Maintenance” → “Network Settings” → “Control Network” → “Enable SSH”

Appendix A. Set Commands

AEC Enable Off Channel 1 Instance Tag testString	testString set aecEnable 1 false\x0A
AEC Enable Off Channel 24 Instance Tag testString	testString set aecEnable 24 false\x0A
AEC Enable On Channel 1 Instance Tag testString	testString set aecEnable 1 true\x0A
AEC Enable On Channel 24 Instance Tag testString	testString set aecEnable 24 true\x0A
AEC Gain 0 Channel 1 Instance Tag testString	testString set gain 1 0\x0A
AEC Gain 0 Channel 24 Instance Tag testString	testString set gain 24 0\x0A
AEC Gain 66 Channel 1 Instance Tag testString	testString set gain 1 66\x0A
AEC Gain 66 Channel 24 Instance Tag testString	testString set gain 24 66\x0A
AEC Phantom Power Off Channel 1 Instance Tag testString	testString set phantomPower 1 false\x0A
AEC Phantom Power Off Channel 24 Instance Tag testString	testString set phantomPower 24 false\x0A
AEC Phantom Power On Channel 1 Instance Tag testString	testString set phantomPower 1 true\x0A
AEC Phantom Power On Channel 24 Instance Tag testString	testString set phantomPower 24 true\x0A
Auto Answer Off Line 1 Instance Tag testString	testString set autoAnswer 1 false\x0A
Auto Answer Off Line None Instance Tag testString	testString set autoAnswer false\x0A
Auto Answer On Line 1 Instance Tag testString	testString set autoAnswer 1 true\x0A
Auto Answer On Line None Instance Tag testString	testString set autoAnswer true\x0A
Auto Mixer Combiner Input Group None Instance Tag testString Input 1	testString set inputGroup 1 0\x0A
Auto Mixer Combiner Input Group A Instance Tag testString Input 32	testString set inputGroup 32 1\x0A
Auto Mixer Combiner Input Group a Instance Tag testString Input 16	testString set inputGroup 16 27\x0A
AVB Input Level -100 Channel 1 Instance Tag testString	testString set level 1 -100\x0A
AVB Input Level -100 Channel 60 Instance Tag testString	testString set level 60 -100\x0A
AVB Input Level 12 Channel 1 Instance Tag testString	testString set level 1 12\x0A
AVB Input Level 12 Channel 60 Instance Tag testString	testString set level 60 12\x0A
AVB Input Mute On Channel 1 Instance Tag testString	testString set mute 1 true\x0A
AVB Input Mute On Channel 60 Instance Tag testString	testString set mute 60 true\x0A
AVB Input Mute Off Channel 1 Instance Tag testString	testString set mute 1 false\x0A
AVB Input Mute Off Channel 60 Instance Tag testString	testString set mute 60 false\x0A
AVB Output Level -100 Channel 1 Instance Tag testString	testString set level 1 -100\x0A
AVB Output Level -100 Channel 60 Instance Tag testString	testString set level 60 -100\x0A
AVB Output Level 0 Channel 1 Instance Tag testString	testString set level 1 0\x0A
AVB Output Level 0 Channel 60 Instance Tag testString	testString set level 60 0\x0A
AVB Output Mute On Channel 1 Instance Tag testString	testString set mute 1 true\x0A
AVB Output Mute On Channel 60 Instance Tag testString	testString set mute 60 true\x0A
AVB Output Mute Off Channel 1 Instance Tag testString	testString set mute 1 false\x0A
AVB Output Mute Off Channel 60 Instance Tag testString	testString set mute 60 false\x0A
Bluetooth On Instance Tag testString	testString set enable true\x0A
Bluetooth Off Instance Tag testString	testString set enable false\x0A

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Bluetooth Discovery On Instance Tag testString	testString set discoverable true\x0A
Bluetooth Discovery Off Instance Tag testString	testString set discoverable false\x0A
Crosspoint Level 0 Output 1 Input 1 Instance Tag testString	testString set crosspointLevel 1 1 0\x0A
Crosspoint Level 0 Output 1 Input 256 Instance Tag testString	testString set crosspointLevel 256 1 0\x0A
Crosspoint Level 0 Output 256 Input 1 Instance Tag testString	testString set crosspointLevel 1 256 0\x0A
Crosspoint Level 0 Output 256 Input 256 Instance Tag testString	testString set crosspointLevel 256 256 0\x0A
Crosspoint Level -100 Output 1 Input 1 Instance Tag testString	testString set crosspointLevel 1 1 -100\x0A
Crosspoint Level -100 Output 1 Input 256 Instance Tag testString	testString set crosspointLevel 256 1 -100\x0A
Crosspoint Level -100 Output 256 Input 1 Instance Tag testString	testString set crosspointLevel 1 256 -100\x0A
Crosspoint Level -100 Output 256 Input 256 Instance Tag testString	testString set crosspointLevel 256 256 -100\x0A
Crosspoint State Off Output 1 Input 1 Instance Tag testString	testString set crosspointLevelState 1 1 false\x0A
Crosspoint State Off Output 1 Input 256 Instance Tag testString	testString set crosspointLevelState 256 1 false\x0A
Crosspoint State Off Output 256 Input 1 Instance Tag testString	testString set crosspointLevelState 1 256 false\x0A
Crosspoint State Off Output 256 Input 256 Instance Tag testString	testString set crosspointLevelState 256 256 false\x0A
Crosspoint State On Output 1 Input 1 Instance Tag testString	testString set crosspointLevelState 1 1 true\x0A
Crosspoint State On Output 1 Input 256 Instance Tag testString	testString set crosspointLevelState 256 1 true\x0A
Crosspoint State On Output 256 Input 1 Instance Tag testString	testString set crosspointLevelState 1 256 true\x0A
Crosspoint State On Output 256 Input 256 Instance Tag testString	testString set crosspointLevelState 256 256 true\x0A
Do Not Disturb Off Line 1 Instance Tag testString	testString set dndEnable 1 false\x0A
Do Not Disturb Off Line 2 Instance Tag testString	testString set dndEnable 2 false\x0A
Do Not Disturb On Line 1 Instance Tag testString	testString set dndEnable 1 true\x0A
Do Not Disturb On Line 2 Instance Tag testString	testString set dndEnable 2 true\x0A
DTMF # Line 1 Instance Tag testString	testString dtmf 1 #\x0A
DTMF # Line None Instance Tag testString	testString dtmf #\x0A
DTMF * Line 1 Instance Tag testString	testString dtmf 1 *\x0A
DTMF * Line None Instance Tag testString	testString dtmf *\x0A
DTMF 0 Line 1 Instance Tag testString	testString dtmf 1 0\x0A
DTMF 0 Line None Instance Tag testString	testString dtmf 0\x0A

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DTMF 9 Line 1 Instance Tag testString	testString dtmf 1 9\x0A
DTMF 9 Line None Instance Tag testString	testString dtmf 9\x0A
Fine Level Control -100.0 Channel 1 Instance Tag testString	testString set level 1 -100.0\x0A
Fine Level Control -100.0 Channel 32 Instance Tag testString	testString set level 32 -100.0\x0A
Fine Level Control 12.0 Channel 1 Instance Tag testString	testString set level 1 12.0\x0A
Fine Level Control 12.0 Channel 32 Instance Tag testString	testString set level 32 12.0\x0A
Graphic Equalizer Band Gain 15 Instance Tag testString Band 1	testString set gain 1 15\x0A
Graphic Equalizer Band Gain 15 Instance Tag testString Band 31	testString set gain 31 15\x0A
Graphic Equalizer Band Gain -30 Instance Tag testString Band 1	testString set gain 1 -30\x0A
Graphic Equalizer Band Gain -30 Instance Tag testString Band 31	testString set gain 31 -30\x0A
Input Level -100 Channel 1 Instance Tag testString	testString set inputLevel 1 -100\x0A
Input Level -100 Channel 256 Instance Tag testString	testString set inputLevel 256 -100\x0A
Input Level 12 Channel 1 Instance Tag testString	testString set inputLevel 1 12\x0A
Input Level 12 Channel 256 Instance Tag testString	testString set inputLevel 256 12\x0A
Input Mute Off Channel 1 Instance Tag testString	testString set inputMute 1 false\x0A
Input Mute Off Channel 256 Instance Tag testString	testString set inputMute 256 false\x0A
Input Mute On Channel 1 Instance Tag testString	testString set inputMute 1 true\x0A
Input Mute On Channel 256 Instance Tag testString	testString set inputMute 256 true\x0A
Level Control -100 Channel 1 Instance Tag testString	testString set level 1 -100\x0A
Level Control -100 Channel 32 Instance Tag testString	testString set level 32 -100\x0A
Level Control 12 Channel 1 Instance Tag testString	testString set level 1 12\x0A
Level Control 12 Channel 32 Instance Tag testString	testString set level 32 12\x0A
Logic Input/Output False Channel 1 Instance Tag testString	testString set invert 1 false\x0A
Logic Input/Output False Channel 16 Instance Tag testString	testString set invert 16 false\x0A
Logic Input/Output True Channel 1 Instance Tag testString	testString set invert 1 true\x0A
Logic Input/Output True Channel 16 Instance Tag testString	testString set invert 16 true\x0A
Logic State False Channel 1 Instance Tag testString	testString set state 1 false\x0A
Logic State False Channel 32 Instance Tag testString	testString set state 32 false\x0A
Logic State True Channel 1 Instance Tag testString	testString set state 1 true\x0A
Logic State True Channel 32 Instance Tag testString	testString set state 32 true\x0A
Mute Control Off Channel 1 Instance Tag testString	testString set mute 1 false\x0A
Mute Control Off Channel 32 Instance Tag testString	testString set mute 32 false\x0A
Mute Control On Channel 1 Instance Tag testString	testString set mute 1 true\x0A
Mute Control On Channel 32 Instance Tag testString	testString set mute 32 true\x0A
Output Level -100 Channel 1 Instance Tag testString	testString set outputLevel 1 -100\x0A
Output Level -100 Channel 256 Instance Tag testString	testString set outputLevel 256 -100\x0A

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Output Level 12 Channel 1 Instance Tag testString	testString set outputLevel 1 12\x0A
Output Level 12 Channel 256 Instance Tag testString	testString set outputLevel 256 12\x0A
Output Mute Off Channel 1 Instance Tag testString	testString set outputMute 1 false\x0A
Output Mute Off Channel 256 Instance Tag testString	testString set outputMute 256 false\x0A
Output Mute On Channel 1 Instance Tag testString	testString set outputMute 1 true\x0A
Output Mute On Channel 256 Instance Tag testString	testString set outputMute 256 true\x0A
Preset Recall Name None Name testString	DEVICE recallPresetByName testString\x0D
Preset Recall 1	DEVICE recallPreset 1001\x0D
Preset Recall 128	DEVICE recallPreset 1128\x0D
Preset Save Name None Name testString	DEVICE savePresetByName testString\x0D
Preset Save 1	DEVICE savePreset 1001\x0D
Preset Save 128	DEVICE savePreset 1128\x0D
Room Combiner Group 0 Room 1 Instance Tag testString	testString set group 1 0\x0A
Room Combiner Group 0 Room 32 Instance Tag testString	testString set group 32 0\x0A
Room Combiner Group 16 Room 1 Instance Tag testString	testString set group 1 16\x0A
Room Combiner Group 16 Room 32 Instance Tag testString	testString set group 32 16\x0A
Room Combiner Input Level -100 Room 1 Instance Tag testString	testString set levelIn 1 -100\x0A
Room Combiner Input Level -100 Room 32 Instance Tag testString	testString set levelIn 32 -100\x0A
Room Combiner Input Level 12 Room 1 Instance Tag testString	testString set levelIn 1 12\x0A
Room Combiner Input Level 12 Room 32 Instance Tag testString	testString set levelIn 32 12\x0A
Room Combiner Input Mute Off Room 1 Instance Tag testString	testString set muteIn 1 false\x0A
Room Combiner Input Mute Off Room 32 Instance Tag testString	testString set muteIn 32 false\x0A
Room Combiner Input Mute On Room 1 Instance Tag testString	testString set muteIn 1 true\x0A
Room Combiner Input Mute On Room 32 Instance Tag testString	testString set muteIn 32 true\x0A
Room Combiner Output Level -100 Room 1 Instance Tag testString	testString set levelOut 1 -100\x0A
Room Combiner Output Level -100 Room 32 Instance Tag testString	testString set levelOut 32 -100\x0A
Room Combiner Output Level 12 Room 1 Instance Tag testString	testString set levelOut 1 12\x0A
Room Combiner Output Level 12 Room 32 Instance Tag testString	testString set levelOut 32 12\x0A
Room Combiner Output Mute Off Room 1 Instance Tag testString	testString set muteOut 1 false\x0A

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Room Combiner Output Mute Off Room 32 Instance Tag testString	testString set muteOut 32 false\x0A
Room Combiner Output Mute On Room 1 Instance Tag testString	testString set muteOut 1 true\x0A
Room Combiner Output Mute On Room 32 Instance Tag testString	testString set muteOut 32 true\x0A
Room Combiner Source Level -100 Room 1 Instance Tag testString	testString set levelSource 1 -100\x0A
Room Combiner Source Level -100 Room 32 Instance Tag testString	testString set levelSource 32 -100\x0A
Room Combiner Source Level 12 Room 1 Instance Tag testString	testString set levelSource 1 12\x0A
Room Combiner Source Level 12 Room 32 Instance Tag testString	testString set levelSource 32 12\x0A
Room Combiner Source Mute Off Room 1 Instance Tag testString	testString set muteSource 1 false\x0A
Room Combiner Source Mute Off Room 32 Instance Tag testString	testString set muteSource 32 false\x0A
Room Combiner Source Mute On Room 1 Instance Tag testString	testString set muteSource 1 true\x0A
Room Combiner Source Mute On Room 32 Instance Tag testString	testString set muteSource 32 true\x0A
Room Combiner Source Selection 1 Room 1 Instance Tag testString	testString set sourceSelection 1 1\x0A
Room Combiner Source Selection 1 Room 32 Instance Tag testString	testString set sourceSelection 32 1\x0A
Room Combiner Source Selection 4 Room 1 Instance Tag testString	testString set sourceSelection 1 4\x0A
Room Combiner Source Selection 4 Room 32 Instance Tag testString	testString set sourceSelection 32 4\x0A
Room Combiner Source Selection No Source Room 1 Instance Tag testString	testString set sourceSelection 1 0\x0A
Room Combiner Source Selection No Source Room 32 Instance Tag testString	testString set sourceSelection 32 0\x0A
Room Combiner Wall Close Wall 1 Instance Tag testString	testString set wallState 1 true\x0A
Room Combiner Wall Close Wall 46 Instance Tag testString	testString set wallState 46 true\x0A
Room Combiner Wall Open Wall 1 Instance Tag testString	testString set wallState 1 false\x0A
Room Combiner Wall Open Wall 46 Instance Tag testString	testString set wallState 46 false\x0A
Router Control 0 Output 1 Instance Tag testString	testString set input 1 0\x0A
Router Control 0 Output 256 Instance Tag testString	testString set input 256 0\x0A
Router Control 256 Output 1 Instance Tag testString	testString set input 1 256\x0A
Router Control 256 Output 256 Instance Tag testString	testString set input 256 256\x0A
Source Selector Source Selection 1 Instance Tag testString	testString set sourceSelection 1\x0A

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Source Selector Source Selection 32 Instance Tag testString	testString set sourceSelection 32\x0A
Source Selector Source Selection No Source Instance Tag testString	testString set sourceSelection 0\x0A
Speed Dial 1 Line 1 Call Appearance 1 Instance Tag testString	testString speedDial 1 1 1\x0A
Speed Dial 1 Line 1 Call Appearance 6 Instance Tag testString	testString speedDial 1 6 1\x0A
Speed Dial 1 Line 2 Call Appearance 1 Instance Tag testString	testString speedDial 2 1 1\x0A
Speed Dial 1 Line 2 Call Appearance 6 Instance Tag testString	testString speedDial 2 6 1\x0A
Speed Dial 16 Line 1 Call Appearance 1 Instance Tag testString	testString speedDial 1 1 16\x0A
Speed Dial 16 Line 1 Call Appearance 6 Instance Tag testString	testString speedDial 1 6 16\x0A
Speed Dial 16 Line 2 Call Appearance 1 Instance Tag testString	testString speedDial 2 1 16\x0A
Speed Dial 16 Line 2 Call Appearance 6 Instance Tag testString	testString speedDial 2 6 16\x0A
TI Hook Answer Line 1 Instance Tag testString	testString answer 1 1\x0A
TI Hook Answer Line None Instance Tag testString	testString answer\x0A
TI Hook End Line 1 Instance Tag testString	testString end 1 1\x0A
TI Hook End Line None Instance Tag testString	testString end\x0A
TI Hook Flash Line 1 Instance Tag testString	testString flash 1 1\x0A
TI Hook Flash Line None Instance Tag testString	testString flash\x0A
TI Hook Off Line 1 Instance Tag testString	testString offHook 1 1\x0A
TI Hook Off Line None Instance Tag testString	testString set hookState OFFHOOK\x0A
TI Hook On Line 1 Instance Tag testString	testString onHook 1 1\x0A
TI Hook On Line None Instance Tag testString	testString set hookState ONHOOK\x0A
TI Hook Redial Line 1 Instance Tag testString	testString redial 1 1\x0A
TI Hook Redial Line None Instance Tag testString	testString redial\x0A
TI Hook Dial Number # Line 1 Instance Tag testString	testString dial 1 1 #\x0A
TI Hook Dial Number # Line None Instance Tag testString	testString dial #\x0A
TI Receive Level -100 Instance Tag testString	testString set level -100\x0A
TI Receive Level -100 Instance Tag testString	testString set level -100\x0A
TI Receive Level 12 Instance Tag testString	testString set level 12\x0A
TI Receive Level 12 Instance Tag testString	testString set level 12\x0A
TI Receive Mute Off Instance Tag testString	testString set mute false\x0A
TI Receive Mute Off Instance Tag testString	testString set mute false\x0A
TI Receive Mute On Instance Tag testString	testString set mute true\x0A
TI Receive Mute On Instance Tag testString	testString set mute true\x0A
TI Transmit Level -100 Instance Tag testString	testString set level -100\x0A

Global Scripter Module Communication Sheet

TI Transmit Level -100 Instance Tag testString	testString set level -100\x0A
TI Transmit Level 0 Instance Tag testString	testString set level 0\x0A
TI Transmit Level 0 Instance Tag testString	testString set level 0\x0A
TI Transmit Mute Off Instance Tag testString	testString set mute false\x0A
TI Transmit Mute Off Instance Tag testString	testString set mute false\x0A
TI Transmit Mute On Instance Tag testString	testString set mute true\x0A
TI Transmit Mute On Instance Tag testString	testString set mute true\x0A
VoIP Hook Answer Line 1 Call Appearance 1 Instance Tag testString	testString answer 1 1\x0A
VoIP Hook Answer Line 1 Call Appearance 6 Instance Tag testString	testString answer 1 6\x0A
VoIP Hook Answer Line 2 Call Appearance 1 Instance Tag testString	testString answer 2 1\x0A
VoIP Hook Answer Line 2 Call Appearance 6 Instance Tag testString	testString answer 2 6\x0A
VoIP Hook Conference Line 1 Call Appearance 1 Instance Tag testString	testString lconf 1 1\x0A
VoIP Hook Conference Line 1 Call Appearance 6 Instance Tag testString	testString lconf 1 6\x0A
VoIP Hook Conference Line 2 Call Appearance 1 Instance Tag testString	testString lconf 2 1\x0A
VoIP Hook Conference Line 2 Call Appearance 6 Instance Tag testString	testString lconf 2 6\x0A
VoIP Hook Dial Line 1 Call Appearance 1 Number # Instance Tag testString	testString dial 1 1 #\x0A
VoIP Hook Dial Line 1 Call Appearance 6 Number # Instance Tag testString	testString dial 1 6 #\x0A
VoIP Hook Dial Line 2 Call Appearance 1 Number # Instance Tag testString	testString dial 2 1 #\x0A
VoIP Hook Dial Line 2 Call Appearance 6 Number # Instance Tag testString	testString dial 2 6 #\x0A
VoIP Hook End Line 1 Call Appearance 1 Instance Tag testString	testString end 1 1\x0A
VoIP Hook End Line 1 Call Appearance 6 Instance Tag testString	testString end 1 6\x0A
VoIP Hook End Line 2 Call Appearance 1 Instance Tag testString	testString end 2 1\x0A
VoIP Hook End Line 2 Call Appearance 6 Instance Tag testString	testString end 2 6\x0A
VoIP Hook Flash Line 1 Call Appearance 1 Instance Tag testString	testString flash 1 1\x0A
VoIP Hook Flash Line 1 Call Appearance 6 Instance Tag testString	testString flash 1 6\x0A

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VoIP Hook Flash Line 2 Call Appearance 1 Instance Tag testString	testString flash 2 1\x0A
VoIP Hook Flash Line 2 Call Appearance 6 Instance Tag testString	testString flash 2 6\x0A
VoIP Hook Hold Line 1 Call Appearance 1 Instance Tag testString	testString hold 1 1\x0A
VoIP Hook Hold Line 1 Call Appearance 6 Instance Tag testString	testString hold 1 6\x0A
VoIP Hook Hold Line 2 Call Appearance 1 Instance Tag testString	testString hold 2 1\x0A
VoIP Hook Hold Line 2 Call Appearance 6 Instance Tag testString	testString hold 2 6\x0A
VoIP Hook Leave Conference Line 1 Call Appearance 1 Instance Tag testString	testString leaveConf 1 1\x0A
VoIP Hook Leave Conference Line 1 Call Appearance 6 Instance Tag testString	testString leaveConf 1 6\x0A
VoIP Hook Leave Conference Line 2 Call Appearance 1 Instance Tag testString	testString leaveConf 2 1\x0A
VoIP Hook Leave Conference Line 2 Call Appearance 6 Instance Tag testString	testString leaveConf 2 6\x0A
VoIP Hook Off Line 1 Call Appearance 1 Instance Tag testString	testString offHook 1 1\x0A
VoIP Hook Off Line 1 Call Appearance 6 Instance Tag testString	testString offHook 1 6\x0A
VoIP Hook Off Line 2 Call Appearance 1 Instance Tag testString	testString offHook 2 1\x0A
VoIP Hook Off Line 2 Call Appearance 6 Instance Tag testString	testString offHook 2 6\x0A
VoIP Hook On Line 1 Call Appearance 1 Instance Tag testString	testString onHook 1 1\x0A
VoIP Hook On Line 1 Call Appearance 6 Instance Tag testString	testString onHook 1 6\x0A
VoIP Hook On Line 2 Call Appearance 1 Instance Tag testString	testString onHook 2 1\x0A
VoIP Hook On Line 2 Call Appearance 6 Instance Tag testString	testString onHook 2 6\x0A
VoIP Hook Redial Line 1 Call Appearance 1 Instance Tag testString	testString redial 1 1\x0A
VoIP Hook Redial Line 1 Call Appearance 6 Instance Tag testString	testString redial 1 6\x0A
VoIP Hook Redial Line 2 Call Appearance 1 Instance Tag testString	testString redial 2 1\x0A

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VoIP Hook Redial Line 2 Call Appearance 6 Instance Tag testString	testString redial 2 6\x0A
VoIP Hook Resume Line 1 Call Appearance 1 Instance Tag testString	testString resume 1 1\x0A
VoIP Hook Resume Line 1 Call Appearance 6 Instance Tag testString	testString resume 1 6\x0A
VoIP Hook Resume Line 2 Call Appearance 1 Instance Tag testString	testString resume 2 1\x0A
VoIP Hook Resume Line 2 Call Appearance 6 Instance Tag testString	testString resume 2 6\x0A
VoIP Hook Send Line 1 Call Appearance 1 Instance Tag testString	testString send 1 1\x0A
VoIP Hook Send Line 1 Call Appearance 6 Instance Tag testString	testString send 1 6\x0A
VoIP Hook Send Line 2 Call Appearance 1 Instance Tag testString	testString send 2 1\x0A
VoIP Hook Send Line 2 Call Appearance 6 Instance Tag testString	testString send 2 6\x0A
VoIP Hook Transfer Line 1 Call Appearance 1 Instance Tag testString	testString transfer 1 1\x0A
VoIP Hook Transfer Line 1 Call Appearance 6 Instance Tag testString	testString transfer 1 6\x0A
VoIP Hook Transfer Line 2 Call Appearance 1 Instance Tag testString	testString transfer 2 1\x0A
VoIP Hook Transfer Line 2 Call Appearance 6 Instance Tag testString	testString transfer 2 6\x0A
VoIP Receive Level -100 Line 1 Instance Tag testString	testString set level 1 -100\x0A
VoIP Receive Level -100 Line 2 Instance Tag testString	testString set level 2 -100\x0A
VoIP Receive Level 12 Line 1 Instance Tag testString	testString set level 1 12\x0A
VoIP Receive Level 12 Line 2 Instance Tag testString	testString set level 2 12\x0A
VoIP Receive Mute Off Line 1 Instance Tag testString	testString set mute 1 false\x0A
VoIP Receive Mute Off Line 2 Instance Tag testString	testString set mute 2 false\x0A
VoIP Receive Mute On Line 1 Instance Tag testString	testString set mute 1 true\x0A
VoIP Receive Mute On Line 2 Instance Tag testString	testString set mute 2 true\x0A
VoIP Transmit Level -100 Line 1 Instance Tag testString	testString set level 1 -100\x0A
VoIP Transmit Level -100 Line 2 Instance Tag testString	testString set level 2 -100\x0A
VoIP Transmit Level 0 Line 1 Instance Tag testString	testString set level 1 0\x0A
VoIP Transmit Level 0 Line 2 Instance Tag testString	testString set level 2 0\x0A
VoIP Transmit Mute Off Line 1 Instance Tag testString	testString set mute 1 false\x0A
VoIP Transmit Mute Off Line 2 Instance Tag testString	testString set mute 2 false\x0A
VoIP Transmit Mute On Line 1 Instance Tag testString	testString set mute 1 true\x0A
VoIP Transmit Mute On Line 2 Instance Tag testString	testString set mute 2 true\x0A

Appendix B. Query Commands

AEC Enable Channel 1 Instance Tag testString	testString get aecEnable 1\x0A
AEC Enable Channel 24 Instance Tag testString	testString get aecEnable 24\x0A
AEC Gain Channel 1 Instance Tag testString	testString get gain 1\x0A
AEC Gain Channel 24 Instance Tag testString	testString get gain 24\x0A
Auto Answer Line 1 Instance Tag testString	testString get autoAnswer 1\x0A
Auto Answer Line 2 Instance Tag testString	testString get autoAnswer 2\x0A
Auto Mixer Combiner Input Group Instance Tag testString Input 1	testString get inputGroup 1\x0A
Auto Mixer Combiner Input Group Instance Tag testString Input 32	testString get inputGroup 32\x0A
AVB Input Level Channel 1 Instance Tag testString	testString get level 1\x0A
AVB Input Level Channel 60 Instance Tag testString	testString get level 60\x0A
AVB Input Mute Channel 1 Instance Tag testString	testString get level 1\x0A
AVB Input Mute Channel 60 Instance Tag testString	testString get level 60\x0A
AVB Output Level Channel 1 Instance Tag testString	testString get level 1\x0A
AVB Output Level Channel 60 Instance Tag testString	testString get level 60\x0A
AVB Output Mute Channel 1 Instance Tag testString	testString get level 1\x0A
AVB Output Mute Channel 60 Instance Tag testString	testString get level 60\x0A
Bluetooth Device Name Instance Tag testString	testString get deviceName\x0A
Crosspoint Level Output 1 Input 1 Instance Tag testString	testString get crosspointLevel 1 1\x0A
Crosspoint Level Output 1 Input 256 Instance Tag testString	testString get crosspointLevel 256 1\x0A
Crosspoint Level Output 256 Input 1 Instance Tag testString	testString get crosspointLevel 1 256\x0A
Crosspoint Level Output 256 Input 256 Instance Tag testString	testString get crosspointLevel 256 256\x0A
Crosspoint State Output 1 Input 1 Instance Tag testString	testString get crosspointLevelState 1 1\x0A
Crosspoint State Output 1 Input 256 Instance Tag testString	testString get crosspointLevelState 256 1\x0A
Crosspoint State Output 256 Input 1 Instance Tag testString	testString get crosspointLevelState 1 256\x0A
Crosspoint State Output 256 Input 256 Instance Tag testString	testString get crosspointLevelState 256 256\x0A
Device Fault List	DEVICE get activeFaultList\x0A
Do Not Disturb Line 1 Instance Tag testString	testString get dndEnable 1\x0A
Do Not Disturb Line 2 Instance Tag testString	testString get dndEnable 2\x0A
Firmware Version	DEVICE get version\x0A
Graphic Equalizer Band Gain Instance Tag testString Band 1	testString get gain 1\x0A
Graphic Equalizer Band Gain Instance Tag testString Band 31	testString get gain 31\x0A
Input Level Channel 1 Instance Tag testString	testString get inputLevel 1\x0A
Input Level Channel 256 Instance Tag testString	testString get inputLevel 256\x0A
Input Mute Channel 1 Instance Tag testString	testString get inputMute 1\x0A

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Input Mute Channel 256 Instance Tag testString	testString get inputMute 256\x0A
Last Dialed Line 1 Instance Tag testString	testString get lastNum 1\x0D
Last Dialed Line None Instance Tag testString	testString get lastNum\x0D
Logic Input/Output Channel 1 Instance Tag testString	testString get invert 1\x0A
Logic Input/Output Channel 16 Instance Tag testString	testString get invert 16\x0A
Logic State Channel 1 Instance Tag testString	testString get state 1\x0A
Logic State Channel 32 Instance Tag testString	testString get state 32\x0A
Output Level Channel 1 Instance Tag testString	testString get outputLevel 1\x0A
Output Level Channel 256 Instance Tag testString	testString get outputLevel 256\x0A
Output Mute Channel 1 Instance Tag testString	testString get outputMute 1\x0A
Output Mute Channel 256 Instance Tag testString	testString get outputMute 256\x0A
Room Combiner Group Room 1 Instance Tag testString	testString get group 1\x0A
Room Combiner Group Room 32 Instance Tag testString	testString get group 32\x0A
Room Combiner Input Level Room 1 Instance Tag testString	testString get levelIn 1\x0A
Room Combiner Input Level Room 32 Instance Tag testString	testString get levelIn 32\x0A
Room Combiner Input Mute Room 1 Instance Tag testString	testString get muteIn 1\x0A
Room Combiner Input Mute Room 32 Instance Tag testString	testString get muteIn 32\x0A
Room Combiner Output Mute Room 1 Instance Tag testString	testString get muteOut 1\x0A
Room Combiner Output Mute Room 32 Instance Tag testString	testString get muteOut 32\x0A
Room Combiner Source Level Room 1 Instance Tag testString	testString get levelSource 1\x0A
Room Combiner Source Level Room 32 Instance Tag testString	testString get levelSource 32\x0A
Room Combiner Source Mute Room 1 Instance Tag testString	testString get muteSource 1\x0A
Room Combiner Source Mute Room 32 Instance Tag testString	testString get muteSource 32\x0A
Room Combiner Source Selection Room 1 Instance Tag testString	testString get sourceSelection 1\x0A
Room Combiner Source Selection Room 32 Instance Tag testString	testString get sourceSelection 32\x0A
Room Combiner Wall Wall 1 Instance Tag testString	testString get wallState 1\x0A
Room Combiner Wall Wall 46 Instance Tag testString	testString get wallState 46\x0A
Router Control Output 1 Instance Tag testString	testString get input 1\x0A
Router Control Output 256 Instance Tag testString	testString get input 256\x0A
Speed Dial Entry Name Entry 1 Line 1 Instance Tag testString	testString get speedDialLabel 1 1\x0D

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Speed Dial Entry Name Entry 1 Line 2 Instance Tag testString	testString get speedDialLabel 2 1\x0D
Speed Dial Entry Name Entry 16 Line 1 Instance Tag testString	testString get speedDialLabel 1 16\x0D
Speed Dial Entry Name Entry 16 Line 2 Instance Tag testString	testString get speedDialLabel 2 16\x0D
Speed Dial Entry Number Entry 1 Line 1 Instance Tag testString	testString get speedDialNum 1 1\x0D
Speed Dial Entry Number Entry 1 Line 2 Instance Tag testString	testString get speedDialNum 2 1\x0D
Speed Dial Entry Number Entry 16 Line 1 Instance Tag testString	testString get speedDialNum 1 16\x0D
Speed Dial Entry Number Entry 16 Line 2 Instance Tag testString	testString get speedDialNum 2 16\x0D
TI Receive Level Instance Tag testString	testString get level\x0A
TI Receive Mute Instance Tag testString	testString get mute\x0A
TI Transmit Level Instance Tag testString	testString get level\x0A
TI Transmit Mute Instance Tag testString	testString get mute\x0A
Verbose Mode	SESSION get verbose\x0D
VoIP Receive Level Line 1 Instance Tag testString	testString get level 1\x0A
VoIP Receive Level Line 2 Instance Tag testString	testString get level 2\x0A
VoIP Receive Mute Line 1 Instance Tag testString	testString get mute 1\x0A
VoIP Receive Mute Line 2 Instance Tag testString	testString get mute 2\x0A
VoIP Transmit Level Line 1 Instance Tag testString	testString get level 1\x0A
VoIP Transmit Level Line 2 Instance Tag testString	testString get level 2\x0A
VoIP Transmit Mute Line 1 Instance Tag testString	testString get mute 1\x0A
VoIP Transmit Mute Line 2 Instance Tag testString	testString get mute 2\x0A