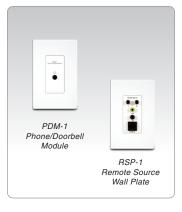


RTI Audio Distribution Systems





RTI Control System



CP-1650

16 Channel Power Amplifier

Keep the party going out by the pool! With all the power you need to bring the music to every room and outdoor space, RTI amplifiers enhance the listening experience, delivering entertainment wherever you go.

The CP-1650 expands the capabilities of an RTI AD-4x and AD-8x Audio Distribution System easily and cost effectively. The amplifier utilizes Cool Power® technology for superb sonic performance, pumping out 50 watts per channel - doubling the output power of an RTI audio distribution system. This extra power is perfect for zone expansion and larger rooms or outdoor areas that need more volume to fill the space with high quality audio. If the music needs even more boost, you can bridge two channels with a simple flip of a switch, for a whopping 100 watts per channel!

Matched with the RTI control ecosystem, you have a complete solution for distributed audio in residential and commercial spaces. So go ahead and put RTI technology to the test - you'll never miss a beat.

Key Features

- Sixteen channel amplifier utilizes Cool Power® technology.
- Power output is 50W per channel.
- Bridgeable audio outputs for increasing power to 100W per channel.
- · Audio input level adjustment on each channel.
- Easily expands the RTI AD-4x and AD-8x audio distribution systems.
- Compatible with virtually any audio distribution system.
- \bullet Power control via voltage trigger (3-30V AC/DC), RS-232 or IR.
- \bullet IR pass through port for cascading IR signal to additional amplifiers.
- Voltage trigger output for powering additional amplifiers.
- Rackmount or free standing installation.



Specifications

AC Input Voltage 1	15VAC or 240VAC (Switchable), 230W
Power Switch	Front Panel On/Off with LED
Mounting	•
Dimensions (HxWxD) 5.24in(133mi	m) x 17.0in(432mm) x 14.75in(375mm)
Weight	
Operating Temperature	to +40degrees, F +14 to +104 degrees
IR Input	One, 3.5mm, for IR control
IR Output	One, 3.5mm, for IR Passthrough
RS232 Port	One, Bidirectional control
Trigger Output O	ne, 12VDC, to trigger another CP-1650
Trigger Input	One, 3-30VDC, for power control
Speaker Outputs Eight stereo outputs, t	wo channels each, phoenix connectors
Audio Inputs	Eight, RCA jacks x 16
Audio Loop Outputs	Eight, RCA jacks x 16
Audio - 2 Channel Mode	
Rated Power/Channel	30 Watts, 20Hz to 20KHz
	. (RMS, 2 channels driven into 8 ohms)
Power/Channel	50 Watts, 20Hz to 20KHz
	. (RMS, 2 channels driven into 4 ohms)
IHF Dynamic Power	40 Watts/1KHz at 8 ohm load
	60 Watts/1KHz at 4 ohm load
Total Harmonic Distortion @20W/8ohm	0.5%
Audio - Bridged Mode	
Rated Power/Channel	100 Watts, 20Hz to 20KHz
	. (RMS, 2 channels driven into 8 ohms)
Total Harmonic Distortion (100W/8 ohms)	0.5%
Total Harmonic Distortion (1W/8 ohms)	0.05%
Audio - General	
Total Harmonic Distortion 30W/8 ohms & 50W/4	4 ohms 0.5%
Total Harmonic Distortion @1W/8ohm	0.05%
S/N @ Rated Power, IEC A-wtd, Source Input s	horted100dB
Frequency Response 20Hz to 20KHz @ 1W/8oh	
Input Sensitivity 1W @ 8 ohms	170mV/900mV
Input Impedance	
Channel Separation @ Rated Power/1KHz	
Crosstalk Between Sources @ Rated Power/1K	
Crosstalk Between Zones @ Rated Power/1KH.	



Warranty One Year (parts & labor)

All features and specifications subject to change without notice

Rear view

Remote Technologies Incorporated

5775 12th Avenue East, Suite 180, Shakopee, MN 55379 PH: (952) 253-3100 • Website: www.rticorp.com

RTI User Interfaces

RTiPanel	Mobile Software Interface (App)
Virtual Panel	PC Software Interface (App)
SURFIR	Companion Remote Control
T1-B+	Remote Control
T2i	Remote Control
T2x	Remote Control
T3x	Remote Control
RKM-1+	In-Wall Audio Distribution Keypad
RK1+	2-4-8 Button In-Wall Keypad
KX2	2.8 inch In-Wall Touchpanel Keypad
КХ3	3.5 inch In-Wall Touchpanel Keypad
KX7	7 inch In-Wall Touchpanel
CX7	Countertop/Under-Cabinet Touchpanel







RTI Control Accessories

1111	Outilior Accessories
RP-4	RF Control Processor
XP-3	Advanced Control Processor
XP-6	Advanced Control Processor
XP-8s	Advanced Control Processor
RM433	433MHz RF Antenna
ZM24	2.4GHz Zigbee Transceiver
CB-8	Touchpanel Connecting Block
CM-232	RS-232 Communication Module
CPB-1	Control Port Connecting Block
ECB-5	IR Connecting Block
ESC-2	Ethernet to Serial Converter
IPE-4	IR Port Expander
PCM-4	Port Control Module
RCM-4	Relay Control Module
IRsa Mouse	IR Emitter



RTI Audio Distribution

AD-4x Distributed Audio System
AD-8x Distributed Audio System
CP-450 4 Channel Amplifier
CP-1650 16 Channel Amplifier

