

Addendum

1)Party Mode

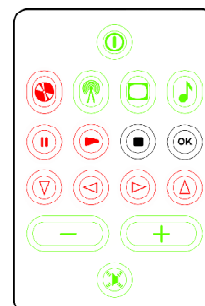
Party mode is designed for situations where you want multiple zones to operate in tandem as a Party Group. This means that a keypad connected to any of the “Party Group” zones will operate all of the Party Group zones.

Party mode is indicated by the pause and play buttons being illuminated in red. It is menu 10 of the zone setup.

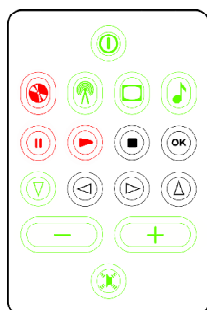
By default all Party Groups are turned off when a CA1006 is shipped. This is indicated by all the arrow keys being illuminated in red.

To set a zone as part of a Party Group you simply use the up and down arrows to activate and set a zone to Party Group 1, 2, 3 or 4.

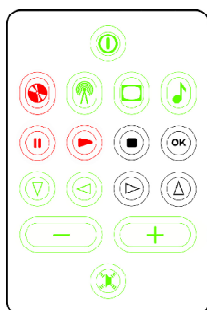
For example -



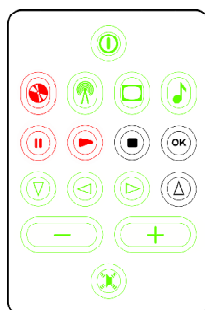
Party Group 1



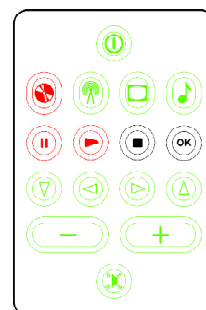
Party Group 2



Party Group 3



Party Group 4



Once you have assigned a zone to a Party Group it will respond to keypad or remote commands received by other zones in the same Party Group provided Party Mode has been activated.

To activate Party Mode in normal operation you hold down both the mute and volume up keys. Once Party Mode is active the power button on the all keypads in the Party Group you have activated will be orange instead of the normal red illumination.

Now when you change source on any keypad or adjust the volume on any keypad in the Party Group the change will apply to all keypads in the Party Group.

If you want to end Party Mode for all zones you hold down the Mute and Volume Down keys and all Party Group zones will turn off.

If you simply want to turn off one of the Prty Group zones you can do this with the power button in the same manner as you would normally.

PLEASE NOTE: Changes to this mode will not take effect until you have exited the setup process.

2) RS232 Commands

Current CA1006 are shipping with onboard addresses 1 to 6.

Zone 1 = Address 1
Zone 2 = Address 2
Zone 3 = Address 3
Zone 4 = Address 4
Zone 5 = Address 5
Zone 6 = Address 6

Current CA1006 are shipping with the following RS232 commands, new commands are underlined with explanations beneath the command -

ID: INTERCOM DISABLE
IE: INTERCOM ENABLE
IM: XMIT IR MACRO :- IM <MACRO>
IR: XMIT IR :- IR <SRC> <KEY>
MU: SET NODE MUTE :- MU <ADDR> <MUTE>
NO: GET NODE STATUS:- NO <ADDR>

PM: SET NODE PARTY MODE :- PM <PARTY ZONE> <STATE> <SOURCE> <VOLUME> <MUTE>

This command is used to activate or change the settings of an entire party group. It applies to all amplifiers in the party group simultaneously. This allows a party group to be powered on or off, source changed, volume changed and mute activated or deactivated.

PW: SET NODE POWER :- PW <ADDR> <STATE>

SA: SET NODE SOURCE REL:- SA <ADDR> <INC/DEC>

This command allows you to change the source currently selected by a zone up or down. The string "SA 1 1" would change the source selected by zone 1 up1, eg from source 1 to 2. The string "SA 1 0" would change the source selected by zone 1 down 1, eg from source 3 to 2.

SC: SCAN 485 NODES
SE: SET NODE STATUS:- SE <ADDR> <STATE> <SRC> <VOL> <MUTE>
SS: SET NODE SOURCE:- SS <ADDR> <SRC>

SL: SET SLAVE STATUS:- SL <STATE>

As explained below in part 3 this command is used to set a CA1006 to be a slave unit allowing two CA1006 systems to be used in tandem for a total of 12 zones.

ST: AM6 STATUS
TO: SYSTEM PWR SAVE
VA: NODE VOL ABS :- VA <ADDR> <VOL>

VE: VERSION

This is useful for problem solving as when the command is issued the system will provide you with the firmware version currently running. Sometimes an updated firmware version has been released and can fix a problem you are experiencing.

VR: NODE VOL REL :- VR <ADDR> <INC/DEC>

VX: RETURNS RA FIRMWARE VERSION :- VX <ADDR>

Similar to the VE command above but when issued this will provide the current firmware version running in any RA units attached to the CA1006.

ZI: Transmit IR Code of the Nodes' selected source :- ZI <ADDR> <KEY>

When used this command will cause the IR code you have selected (1 to 8) to be transmitted for whatever source is currently selected in the zone.

3) CA1006 Slave Mode

It is possible to operate two CA1006 units together giving a total of 12 zones.

One unit is the master and is responsible for -

- | IR Control of all sources
- | Interfacing with RA Amplifiers
- | Interfacing with intercom
- | Receiving RS232 commands
- | Interfacing with external RS485 modules on the Global RS485 Bus

To set a unit to be a Slave you use the RS232 command "SL 1" from within hyperterminal.

You will notice once it is set as a Slave the Status light on the front panel illuminates in Red.

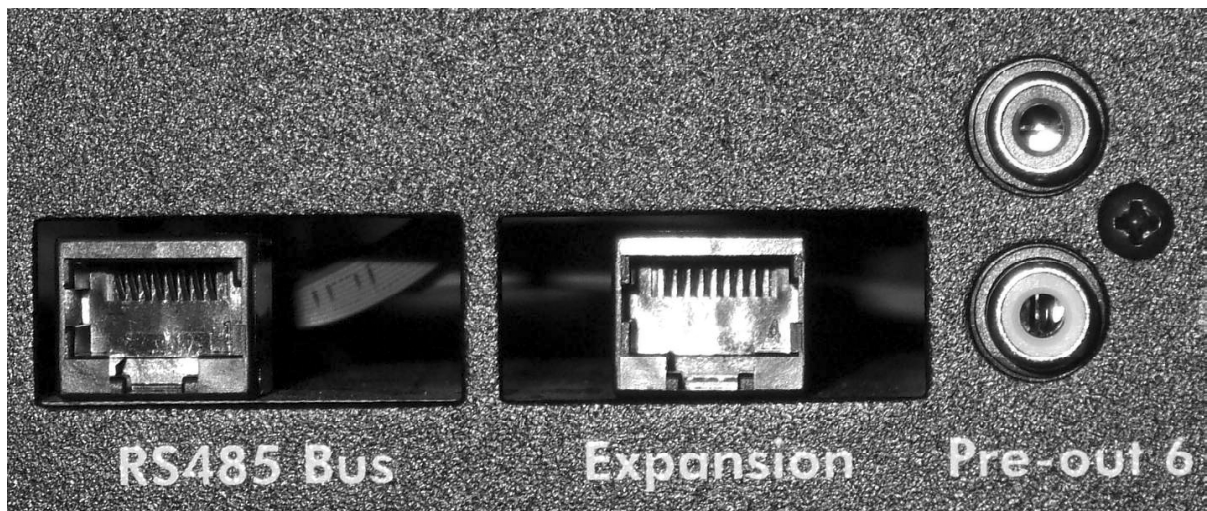
If you wish to control the zones on the Slave unit they are given the following zone addresses

- Zone 1 = Address 7
- Zone 2 = Address 8
- Zone 3 = Address 9
- Zone 4 = Address 10
- Zone 5 = Address 11
- Zone 6 = Address 12

Should you wish to change back a unit from Slave to Master status you use the RS232 command "SL 0" from within hyperterminal.

4) CA1006 New Connections

A number of new connections have been added to a CA1006 since its first release these are indicated below -



This is used for connection of external RS485 devices such as the HAL IR Learning module.

This is used for linking two CA1006 together or linking a CA1006 and IRIS RGB.

This is used for connecting an external amplifier. It is controlled by a keypad connected to port 6.