IA-1250
12 CHANNEL x 50W AMPLIFIER

ZONE 1   ZONE 2   ZONE 3   ZONE 4   ZONE 5   ZONE 6

IA-1250 INTEGRATED AMPLIFIER

The IA-1250 is a twelve channel audio distribution amp that can be configured for up to six stereo 4Ω/8Ω zones; six stereo 70/100V zones or three high powered bridged zones...in any combination of stereo 4Ω/8Ω, 8Ω bridged and 70/100V zones at the same time! That's pretty good in itself...but there's a whole lot more...

Each zone can be controlled via IR or RS232 for ON/OFF, source select, volume/mute, treble/bass and left/right balance. The IA-1250 can be configured to automatically send RS232 zone status updates or respond to queries to confirm zone status and settings. Commands for volume, treble/bass and balance can be specific values or step commands depending upon the control application.

The IA-1250 Audio Bus IN can be selected by IR, RS232 or voltage trigger. The voltage trigger will switch a zone to the Audio Bus IN as long as there is voltage present on the zone Line/Bus Trigger IN. When the control voltage is cut, the zone will automatically switch back to the zone Line IN...great for momentary switching to an audio page on the Bus IN!

Each zone has a Mute Trigger IN that will mute zone audio when voltage is present on the Mute Trigger IN. When the voltage is cut, the zone audio output resumes.

Each zone has a 12VDC Status or Control OUT that can be used to activate a zone specific voltage controlled device or otherwise indicate zone ON/OFF status.

Each zone has a -20dB audio limiter to prevent incidental peaks from becoming irrevocable problems.

The IA-1250 features a Remote Bypass switch that allows/blocks IR and RS232 from select zones for zones that are intended to be set and not messed with.
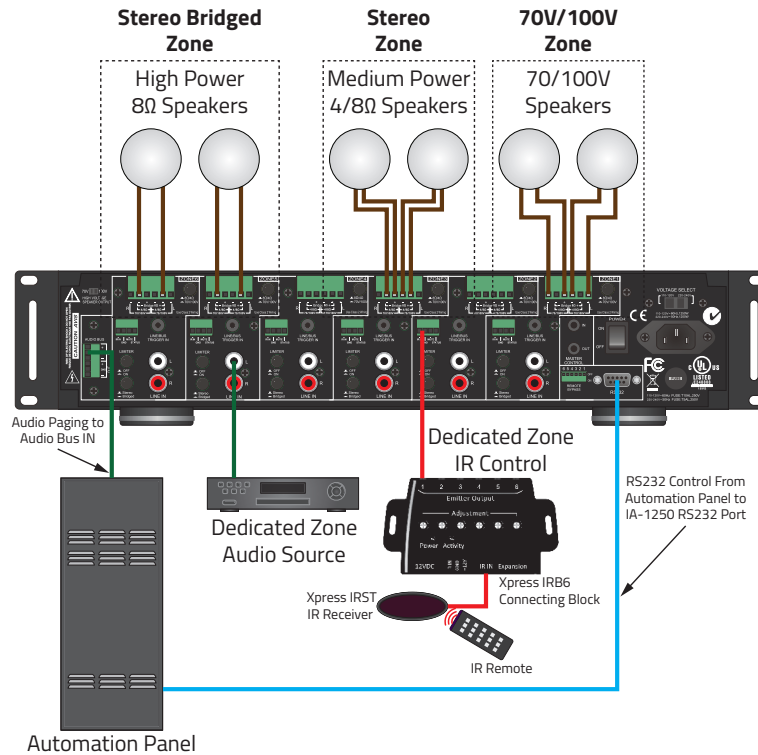
The 110~120V/220~240V switch allows the IA-1250 to be used just about anywhere there is AC Voltage.

And what? Yes of course it's rack mountable...and comes with removable rack ears.

The Xpress IA-1250 12 channel x 50W audio distribution amp...ready for anything...anywhere.
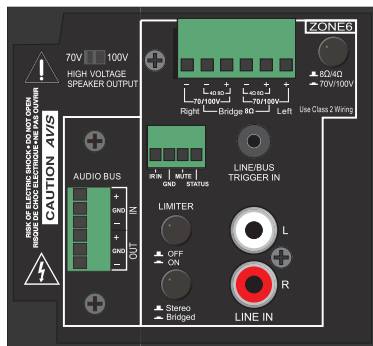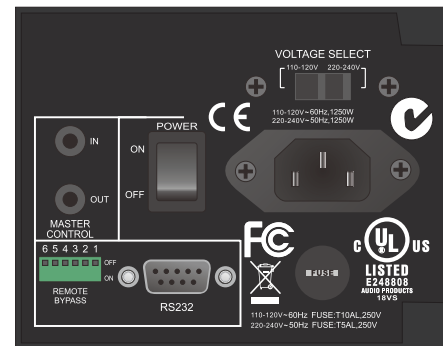
TYPICAL IA-1250 SYSTEM APPLICATION

Typical System application for the IA-1250 audio distribution amplifier. The amp can be set for any combination of high-power bridged, normal 8Ω/4Ω or 70/100V zones. All zones can select local or Bus sources and can be controlled via IR or RS232.

ZONE/AUDIO BUS CONNECTIONS & SETTINGS

Each IA-1250 zone provides connections & settings for 4Ω/8Ω stereo, 8Ω bridged mono or 70V/100V stereo speaker configurations. Each zone also has a dedicated line level stereo audio IN, IR IN, 12VDC Mute IN and 12VDC Status OUT. The Audio Bus provides a mono line level IN/OUT for music or paging.

POWER/CONTROL

The IA-1250 Voltage Select switch allows use in either 110 or 220VAC regions. The Master Control IN/OUT provides a 12VDC Control IN (ON/OFF) and common Status OUT. Remote Bypass locks selected zones from IR or RS232 control. The RS232 port provides bi-directional RS232 communication.

FEATURES

4Ω/8Ω, 8Ω bridged, 70V/100V configurable...each zone
Local Source or Audio Bus IN...each zone
IR/RS232 Control...each zone
20dB Audio Limiter...each zone
12VDC Mute Trigger IN; 12VDC Status OUT...each zone
Front Panel Zone ON and Zone Overload LEDs...each zone
12VDC Global Control IN/OUT
Rack Mountable
110/220V Switchable

SPECIFICATIONS

Continuous Output Power per Channel .... 30W@8Ω; 50W@4Ω
100W Bridged@8Ω
30W 70V/100V
THD 0.1%
Frequency Response .... 20Hz-20kHz +/- 1dB
Signal to Noise.. 90dB A-Weighted 1kHz
Input Sensitivity .... 600mV @30W
Treble/Bass Controls .... +/-12dB
Line Voltage Range .... 100~240 VAC
Dimensions.. 16.9"W x 3.5"H x 16.4" D (430 W x 88 H x 416 Dmm)
Weight.. 48.4lbs (22kg)