



AX3800 offers great flexibility and simplicity for amplifier fault changeover setup. With the precise circuit design, amplifier fault detection period is greatly reduced to initiate timely changeover to standby unit. The internal pilot tone generation at 20KHz is set at optimum interval to avoid unnecessary loading to amplifiers.

Changeover shall occur at both input and output of amplifiers, making it suitable for application in a matrix system. Priority and single changeover ensures overloading of standby amplifier is avoided, thus providing a reliable and uninterrupted system at most times.

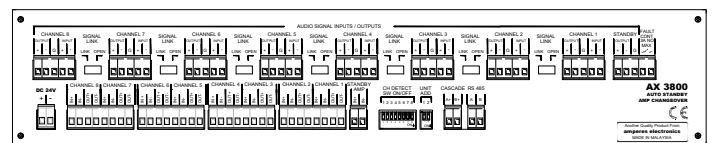
Features

- ▶ Cater for 8 duty and 1 standby
- ▶ Expandable for 1 standby to cater for more than 8 duty amps.
- ▶ Built in Pilot Tone generator, transmit at intervals and senses at sequence to protect amplifiers
- ▶ Overloading protection by allowing only a single take over
- ▶ Prioritised changeover which higher numbered amplifier shall be preferred for take over if more than two units are down
- ▶ Shorter fault detection time from 7 to 15 seconds
- ▶ Changeover at input and output section simultaneously ; suitable for matrix system installations
- ▶ Input link switch ; making connection of sources easier
- ▶ Channel isolation switch for unused or un-monitored channel
- ▶ Individual channel status indicators ; normal, fault and changeover

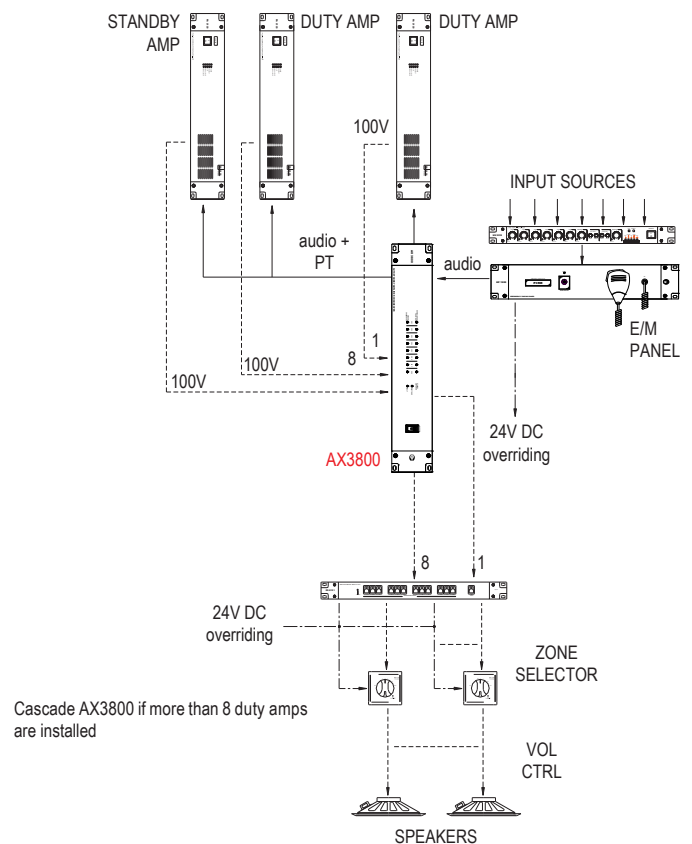
Technical Specifications

Operating voltage	24V DC ; 1A
Power consumption	6.8 W
Input signal	8 Ch balanced line signal
Input impedance	10 K Ohm
Audio output gain	Unity
Pilot tone interval	8 seconds / channel
Pilot tone frequency	20 KHz (+/- 5%)
Detection line	70 / 100 V line
Detection level	50 V rms min
Failure detection time	7 - 15 seconds
Failure recovery time	20 seconds max
Zone load rating	500W / 100V line max
Status indication LED	Normal ; Fault ; Changeover
Changeover alert	Buzzer with switch
Changeover section	Input and output simultaneously
Dimensions (W x H x D)	482 x 88 x 180 mm
Weight	3.15 kg

Rear View:



Application Schematic



Cascade AX3800 if more than 8 duty amps are installed

Packing information
 Qty per carton : 1 unit
 L x W x H : 555 x 295 x 165 mm
 Weight : 3.95 kg