

application notes

For a standby unit to take over a failed duty unit, a changeover panel is required to perform the task, either manually or automatically.

AX700 is a 6 duty / 1 standby amplifier changeover panel meant for amplifier with auto fault sensor (AFS) circuitry which has dry contact to activate a changeover when failure is detected. For amplifiers without built in AFS, external sensing module such as Amperes AS4000 should be installed to perform failure detection task. Other fault detection cards or modules can be used with AX700 provided they have a dry contact port.

It is compatible with most amplifiers and has protection features such as overload protection, which only allow a single take over a failed duty unit. The priority feature shall identify unit with higher number to be given preference for take over.

More than one unit of AX700 can be cascaded where only 1 standby unit is assigned to serve more than 6 duty amplifiers.

NOTE :
Every amplifier should be fitted with AS4000 detection module for application with AX700
AS4000 is not required when Amperes PX2000 series amplifier is connected to AX700

features

Cater for 6 duty and 1 standby amplifier

Expandable for 1 standby to serve more than 6 duty amplifiers

Overload protection : only single takeover is allowed to avoid overloading to the standby amplifier

Prioritised changeover with higher numbered unit preferred for takeover

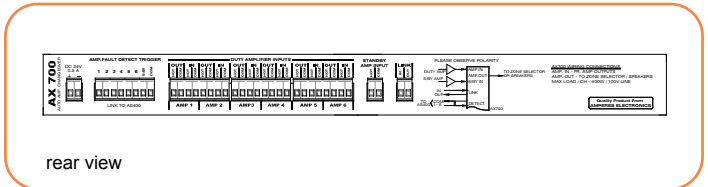
Fault alert with LED indicator and switchable buzzer

Compatible with most auto detection cards



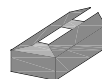
specifications

Operating voltage	24V DC ; 0.5 A
Power consumption	Standby : 82 mW, 3.4 mA
	Operating : 1.3 W , 50 mA
Zone load rating	400W 100V line
Amplifier inputs	6 duty and 1 standby
Status indication LED	Red LED for changeover channel
	Green LED for normal / non takeover channel
Switching mode	Dry contact activation from AS4000
Changeover alert	Buzzer with silence switch
Changeover section	Amplifier output section
Dimensions (WxHxD)	482 x 44 x 130 mm
Weight	1.7 kg



rear view

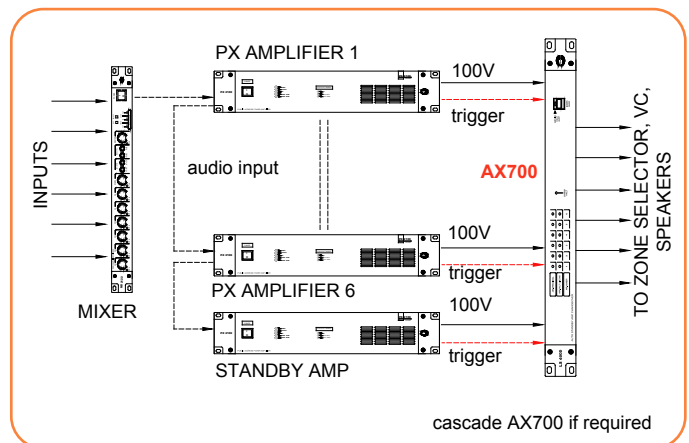
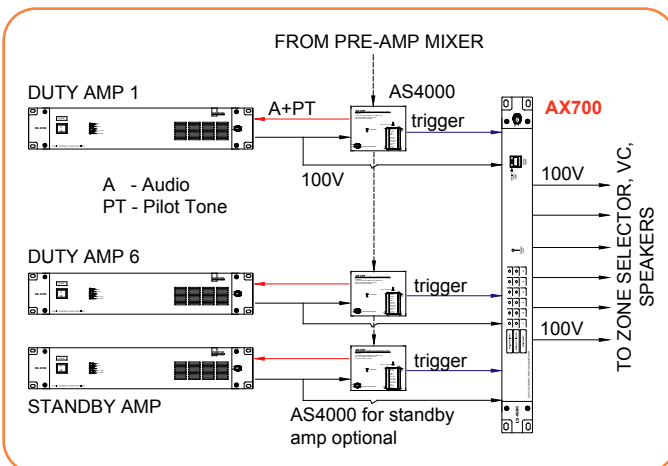
Packing information



Set Packing :
Qty / pack : 1 unit
W x H x D : 540 x 105 x 270 mm
Weight : 2.1 kg

application schematic

Application with AS4000 amplifier surveillance module



Application using PX series of amplifiers with AFS