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Excell Sound



ES1665AG Indoor Five Party



ES1667AG Outdoor Five Party

Features:

- 20 watts of audio output.
- Transformer-isolated power supply, 48 volts DC internal voltage.
- Transformer-isolation of power, and speaker lines.
- Short circuit protection of power transistors.
- Unitized design allows easy additions or changes to system.
- No amplifier gain increase when signal is not present. This reduces system feedback and loading problems.
- Stainless steel construction, Type 304 brushed finish.
- Conformal coating on printed circuit boards.
- Plug-in front panel.
- Off-hook LED indication.
- Magnetic off-hook switch.
- Sealed off-hook and page relays.
- Factory Mutual approved: Class I, Div. 2, Groups A, B, C, and D; and Class II, Div.2, Groups F and G.

The ES1665AG indoor and ES1667AG outdoor wall-mounted units are intended for industrial applications where paging and five party line communications are required.

Model	Dimensions	Weight
ES1665AG INDOOR FIVE PARTY PAGING STATION	12.5" H x 8.125" W x 5.625" D 318mm x 206mm x 143mm	12 pounds 5.44 kilograms
ES1667AG OUTDOOR FIVE PARTY PAGING STATION	16" H x 11.5" W x 9.5" D 406mm x 292mm x 241mm	17 pounds 7.71 kilograms

Specifications ES1665AG and ES1667AG	
VOLTAGE INPUT	90 to 140 VAC, 120 VAC nominal, 50 / 60 Hz
MINIMUM POWER INPUT	At zero signal, 10 VA
MAXIMUM POWER INPUT	At 20 watts continuous signal, 60 VA
INPUT POWER ISOLATION	Transformer provides 2000 volt isolation from power source
SPEAKER AMPLIFIER	
POWER OUTPUT	20 watts rms to 8 ohms or 12 watts rms to 16 ohms
FREQUENCY RESPONSE	250 to 4000 Hz + / - 1.5 dB
DISTORTION	1% maximum at 20 watts and 1000 Hz
HUM AND NOISE	At least 50 dB below rated output
ISOLATION	Input transformers on power, page, and party lines
INPUT SENSITIVITY	Less than one volt for rated output
INPUT IMPEDANCE	Greater than 50,000 ohms
OUTPUT PROTECTION	Instantaneous short circuit and impedance protection
ADJUSTMENTS	Speaker volume control located on PC board, accessible through the front panel.
HANDSET AMPLIFIER	
OUTPUT LEVEL	1.5 volts into 33 ohm load
DISTORTION	Less than 1.5% @ 1000 Hz
ISOLATION	Output transformer
OUTPUT PROTECTION	Short-circuit proof
ADJUSTMENTS	Side tone adjustment located on PC board Handset amplifier pot located on PC board
CONTROLS	Magnetic off-hook switch with sealed relay Handset paging with sealed relay
CONNECTIONS	Terminal block located in back of housing

OPTIONS:

POWDER COATING - ADD "/PC" TO THE PART NUMBER.

SPRING RETURN DOOR - ASS "/D" TO THE PART NUMBER.

TEE TURN HANDLE WITH KEYLOCK - ADD "/T" TO THE PART NUMBER.