



PO Box 306, 500 Pennsylvania Ave., Irwin, PA 15642
Phone: (724) 864-3800, Fax: (724) 864-9358
www.comtrol-corp.com

Excell Sound



ES3665A Indoor Five Party with Ambient Adjusted Output



ES3667A Outdoor Five Party with Ambient Adjusted Output

Features:

- Ambient adjusted output level.
- Local sensor for noise detection.
- 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 page is not present. This reduces system feedback and loading problems.
- Stainless steel construction, Type 304 brushed finish.
- Conformal coating on printed circuit boards.
- LED off-hook indication.
- Plug-in front panel.
- Magnetic off-hook switch.
- Sealed off-hook and page relays.
- Remote sensor available.

The ES3665A indoor and ES3667A outdoor stations are wall-mounted units intended for industrial applications where paging and five party line communication with automatic noise adjustment is required.

Model	Dimensions	Weight
ES3665A INDOOR FIVE PARTY PAGING STATION WITH AUTOMATIC AMBIENT NOISE ADJUSTMENT	8.125" H x 8.125" W x 5.625" D 206mm x 206mm x 143mm	9 pounds 4.08 kilograms
ES3667A OUTDOOR FIVE PARTY PAGING STATION WITH AUTOMATIC AMBIENT NOISE ADJUSTMENT	16" H x 11.5" W x 9.5" D 406mm x 292mm x 241mm	17 pounds 7.71 kilograms

Specifications ES3664A and ES3666A	
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	
NOISE MONITOR RANGE	62 to 100 dB sound pressure level
ADJUSTMENTS	Pot 1 Page Detect Pot 2 Ambient Level
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
CONTROLS	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
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.