



## Three Input, 35W Mixer-Amplifier

135MA

SKU: 116937    UPC: 871015002705

Crown's 135MA and 160MA are high value mixer-amplifiers for commercial audio. They provide 8-ohm and constant-voltage outputs (70V and 100V). Typical uses are paging, background music, and music-on-hold. The 135MA provides 3 inputs (each with a volume control) and a 35W amplifier output. The 160MA provides 4 inputs (each with a volume control) and a 60W amplifier output. Other features include priority muting, voice activated muting, phantom power, and bass and treble controls.

### Features

- 3 inputs (each with a volume control), and one 35W amplifier output channel in 135MA
- 4 inputs (each with a volume control), and one 60W amplifier output channel in 160MA
- Ideal for paging, background music, and music-on-hold
- Balanced Phoenix-type mic/line input, telephone output, dual RCA stereo music inputs, screw-terminal speaker outputs
- Priority muting by VOX or external switch
- Bass and Treble controls on master output

Frequency Response	(at 1 watt from line out): 50 Hz to 20 kHz +/-1 dB, 19 Hz to 34 kHz - 3 dB
Signal to Noise Ratio	(ref. to rated power, master volume at minimum): Mic: > 58 dB, Line: > 60 dB, Telephone: > 60dB, Inputs 2 or 3: > 78 dB
THD+Noise	< 0.5% at rated power at 1 kHz, < 0.1% at 5W at 1 kHz
Input Sensitivity	(for full output at maximum gain): Input 1: Mic 3mV, Line 800 mV, Input 2: 400mV, Input 3: 400mV
Input Impedance (nominal)	Mic: 2.2 kilohms, Line: 10 kilohms, RCA: 10 kilohms
Crosstalk	-82 dB at 1 kHz (Ch. 1 line input 0.8V, Ch. 1 volume at minimum, other channel volumes at maximum)
Line Output Level (nominal)	1V into 10 kilohms
Phantom Power	15 VDC
AC Line Voltages Available	Universal Power Supply. Line voltage tolerance +15%, -20%
Operating Temperature/Humidity	0 degrees C to 40 degrees C at 95% relative humidity (non-condensing)
Storage Temperature	-20 degrees C to 85 degrees C
IEC Power Connector	15A