

## STENTOFON Mixer Amplifiers 18010 - 10 Watt & 18030 - 30 Watt

### FEATURES

- Compact And Rugged (2) Channel Mixer Amplifier
- Excellent Sound Reproduction At Full Rated Output
- Built-In Telephone/Intercom 600 ohm Input
- Voice Activated Muting For Priority Paging
- Front Controls For Mic/Tel, Music, Bass and Treble
- Power On/Off Switch With Delay and LED Indicator
- Excellent Signal-To-Noise Ratio
- Protective Power Limiting Circuits and AC Line Fuse
- Less Than 1 Percent THD, At Rated Output, (10 Watt)
- Transformer Isolated Outputs: 8 ohms, 25V or 70V



### FUNCTIONAL DESCRIPTION

The 18010 (10 watt) and 18030 (30 watt) are audio mixer amplifiers designed for general purpose P.A. (Public Address), paging and sound reinforcement applications. They provide a conservative (10) watts or (30) watts of audio power to balanced line 25/70V or 8 ohm speakers. They are clean, rugged, compact and economical. These amplifiers are ideal for small applications for music and paging in stores, shops and warehouses, or zone paging in hospitals and industrial plants. The (2) channels allow control of a music or program source plus control from a paging microphone or telephone input. The 18010 and 18030 amplifiers will operate on all STENTOFON intercom systems.

# Audio Paging Equipment

## Rear Controls and Connectors



#18010



#18030

## Technical Specifications

Type:	2-Channel Mixer Power Amplifier	
Model:	18010	18030
Output Power:	10 Watt RMS	30 Watt RMS
Frequency Response:	30-20 KHZ $\pm$ 3dB (At 8 ohms)	60-15 KHZ $\pm$ 3dB
Total Harmonic Distortion:	Less than 1%, at 1 KHZ, at rated power	Less than 3%, at 1 KHZ, at rated power
Inputs (Screw Terminals):	MIC: 1 mV, 250 ohms, Balanced TEL: 100 mV, 600 ohms, Balanced PROGRAM: 200 mV, 10 K ohms, Balanced with Screw Terminal, Unbalanced with RCA Phono Jack	MIC: 1 mV, 250 ohms, Balanced TEL: 100 mV, 600 ohms, Balanced PROGRAM: 200 mV, 10 K ohms, Balanced AUX: 100 mV, 47 K ohms, Unbalanced
Outputs (Screw Terminals):	8 ohms and 25V/ 70 V Switchable (Transformer-Isolated)	8 ohms, 25 V, 70 V
S/N Ratio:	MIC: 60 dB TEL: 75 dB PRO: 75 dB	MIC: 60 dB TEL: 70 dB PRO: 70 dB AUX: 70 dB
Tone Control:	Bass: $\pm$ 10 dB at 100 HZ Treble: $\pm$ 10 dB at 10 KHZ	
Mute:	Mic/Tel $\bullet$ -40 dB (Adjustable)	
HI-Pass Filter:	None	At 315 HZ - 3 dB (6 dB/Octave) Switchable
Dimensions:	272 mm (L) X 88 mm (H) X 240 mm (D) (10.7") (3.5") (9.5")	
Weight:	3.0 Kg (8 lbs.)	4.2 Kg (11.3 lbs.)
Connections:	Screw Terminals, RCA Phono	Screw Terminals, RCA Phono
Power Required:	60 VA, with 110 VAC Power Cord 60 VA, with 12 VDC Input	100 VA, with 110 volt AC Power Cord