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LoudMouth



LM2301 Voice Paging LoudMouth with Rechargeable Battery

LM2302 Tone Paging LoudMouth with Rechargeable Battery

Features:

- Maintenance free.
- Rechargeable intrinsically safe battery.
- Tone or voice paging.
- Internal protected terminal strip.
- Conformal coating on printed circuit boards.
- Compatible with all Control 12 VDC LoudMouths.
- High paging current.
- Minimum operating current.
- Small in size.
- Easy mounting.
- Protected page switch (toggle).
- Stainless steel construction, Type 304 brushed finish.
- MSHA approved 9B-71-2.

The Control permissible “maintenance free” LoudMouth was designed for reliable communication with the minimum of maintenance. No more changing of batteries. Always maximum output paging current and maximum received speaker output power. Top performance in every respect, since the input power or battery is always charged. The system can be extended for miles. The battery charging line can be continuous or sectional and powered from convenient Control intrinsically safe

Model	Dimensions	Weight
LM2301 PERMISSIBLE VOICE PAGING LOUDMOUTH	11.25" H x 9.75" W x 5.25" D 286mm x 248mm x 133mm	6.5 pounds 2.95 kilograms
LM2302 PERMISSIBLE TONE PAGING LOUDMOUTH	11.25" H x 9.75" W x 5.25" D 286mm x 248mm x 133mm	6.5 pounds 2.95 kilograms

Specifications LM2301 and LM2302	
POWER	12 VDC from intrinsically safe battery
STANDBY CURRENT	Zero ma
HANDSET AMPLIFIER CURRENT	Approximately 110 ma to 200 ohm phone line
SPEAKER AMPLIFIER VOLTAGE	12 VDC
SPEAKER AMPLIFIER CURRENT	Up to 350 ma depending upon the number of pagers
PAGE LINE IMPEDANCE	7,000 ohms @ 1,000 Hz
PHONE LINE DC RESISTANCE	Greater than 14,000 ohms
VDC DETECTION	Solid state Picks up at 2.5 VDC or higher Drops out at 2.0 VDC
TEMPERATURE RANGE	-20° Fahrenheit to +140° Fahrenheit -30° Celsius to +60° Celsius
PHONE LINE LOAD	17,000 ohms DC 4,500 @ 1 kHz 100,000 ohms @ 100 kHz
PHONE LINE POLARITY	Either [bridge rectifier circuit]
CONTROLS	Pot 1 Speaker amplifier volume Pot 2 Handset RCVD volume
CONSTRUCTION	Stainless steel Type 304, brushed finish

OPTIONS:
BATTERY CHARGING LINE MONITORING.