Listen's FM Stationary Transmitter

LT-800 Stationary Transmitter

of non-Listen receivers

Connect antenna through cover here

or connect external antenna here

Adjust audio level mix between Inputs 1 and 2 Indicates audio input level of Inputs 1 and 2 Shows modulation of the transmitter

(full, 1/2 or 1/4) select on rear panel

Plug in a headset then adjust volume

LT-800 **Antenna Options**

Telescoping (Top Mount) (LA-106 or LA-102)

72MHz Rubber Ducky

(Top Mount) (LA-101)

Remote Base (LA-103 or LA-104)

Coaxial Dipole (Remote) (LA-116 or LA-117)

216MHz Ground Plane (Remote) (LA-107)

Front Mount Antenna (LA-118 or LA-119)

Available in 72 or 216MHz

Easy access to Power ON/OFF

Activates a tone to aid tuning Adjust the amount of audio processing depending on your application – more processing

keeps levels louder and more consistent

Adjust voice intelligibility equalization for your application requirements

Tunable to 57 wide and narrow band channels, automatically switching between wide and narrow band modulation (lockable)

Connect balanced mic or line level audio here



Select RF power

LT-800 Rack Mount Options



Dual Rack Mount Brackets (LA-310)

Listen Advantage:

More Choices

No other company gives you so many choices including the choice of 72MHz or 216MHz frequency bands (see back cover). Our products are ideal for expanded applications because of their multiple features and extreme versatility!

Connect wall transformer

Combined output of inputs 1 and 2 post processing

Connect unbalanced line or speaker level audio here

Select line or speaker level for Input 2

Input 1

Select mic or line

LT-800 BENEFITS

Every Application – A choice of 72 or 216MHz systems, complete antenna and accessory options, and superb audio quality make Listen products ideal for a wide range of applications.

Works Where Others Won't - Incorporates the latest, most advanced technology for clear

Tailor Your Sound Quality - Use the PROCESSING and CONTOUR controls to adjust audio for your particular application.

Double the Range - 216MHz systems offer double the range of more familiar 72MHz systems (see back cover for differentiation).

LT-800 Specifications

RF Frequency Range: 72MHz: 72.05 - 75.95MHz

216MHz: 216.025 - 216.975 MHz

Transmitter Stability:

Output Power:

72MHz: 8000uV at 3 meters 216MHz: 100mW

(Max allowed by FCC)

Signal to Noise ratio:

72MHz: Wide band channels, 60dB: Narrow, 54dB

216MHz: Wide band channels, 50dB; Narrow, 44dB

Available Channels:

72MHz: 17 wide hand, 40 narrow hand 216MHz:19 wide band, 38 narrow band

RF Power Selection:

Full, 1/2, 1/4

Physical Dimensions:

8" W x 8"D x 1.75"H (20.3cm W x 20.3cm D x 4.45cm H) Optional rack mount kit, see Page 17

Weight:

3 lbs. (1.4 kg) Power:

16 VAC/850mA

Audio Input 1: F-XLR / 1/4" Phone, 50/600 ohms, balanced -55dBm / +4dBm, selectable, adjustable

Audio Input 2:

Phono, 10k/50 ohms, unbalanced

Audio Output (Mix):

Phono, 10k ohms, unbalanced, -10dBm

Headphone Output:

250mW, 32 ohms, 3.5MM stereo

Controls:

Mix. Process. Contour. Headphone Level. Tone, RF Power Output, and ON/OFF

Visual Indicators:

Audio input levels 1, 2 and post processed modulation level; channel; RF power, test tone

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