

ALT DESKTOP TRANSMITTER



FEATURES

FM ASSISTIVE LISTENING & SIMULTANEOUS INTERPRETATION COMPONENT

Can be used indoors or outdoors, in bright light and without line of site restrictions.

OPERATES WITHIN 72-76 MHZ

FCC designated frequency range for assistive listening.

COVERAGE OF 700,000 FT²

Insures that message is heard by everyone in the audience.

POWERFUL RF OUTPUT ELIMINATES NEED FOR

Additional costly equipment in larger venues. Maximum output allowed by the FCC.

BOTH UNBALANCED & BALANCED AUDIO INPUT

Easily integrated into existing audio system.

FRONT PANEL CHANNEL SWITCH

Ensures easy programming and verification of desired channel.

DESKTOP UNIT

Small & lightweight

LOW DISTORTION LIMITER

Prevents overmodulation.

AUDIO COMPRESSOR

Can be selected to increase intelligibility in noisy listening environments.

DESCRIPTION & TECHNICAL SPECIFICATIONS

The ALT Transmitter is a high quality, commercial grade transmitter that performs superbly in applications where message fidelity is a must. The ALT, conveniently designed as a desktop unit, also provides easy operation via front panel push button controls and includes 7" flexible whip antenna.

SELECTABLE FREQUENCIES:	10 CHANNELS AVAILABLE: 72.1 TO 72.9, 74.7, AND 75.5 TO 75.9 MHZ.
FREQUENCY SELECTION:	SELECTABLE BY FRONT PANEL CHANNEL SWITCH.
FREQUENCY STABILITY:	±10 PPM, 0° TO 50° CELSIUS (32° TO 122° FAHRENHEIT)
TUNING STEP SIZE:	100 KHZ
MODULATION:	FM, 180KF3E
FM DEVIATION:	±75 KHZ, MAXIMUM
PRE-EMPHASIS:	75 µSEC.
RF FIELD STRENGTH:	80 MV/M @ 3 M WITH SUPPLIED ANTENNA OR OPTIONAL MAGNETIC MOUNT ANTENNA
INPUT LIMITING:	SWITCH SELECTABLE, LOW DISTORTION.
AUDIO COMPRESSOR:	SWITCH SELECTABLE, 2:1 COMPRESSION RANGE LIMITED.
AUDIO INPUTS:	XLR AND RCA PHONO
FREQUENCY RESPONSE:	20 HZ TO 15 KHZ, ±3 DB REFERENCED TO A STANDARD 75 MSEC PRE-EMPHASIS CURVE
TOTAL HARMONIC DISTORTION:	LESS THAN .25%, TYPICAL
POWER REQUIREMENT:	12 VDC @ 250 MA, BY SUPPLIED WALL ADAPTER
ANTENNA:	FLEXIBLE 7-INCH WHIP ANTENNA
DIMENSIONS:	1.55 INCHES (39.4 MM) HEIGHT X 7.25 INCHES (184.2 MM) WIDTH X 5.125 INCHES (130.2 MM) DEPTH
WEIGHT	18 OUNCES (0.51 KG)
COVERAGE AREA:	700,000 SQUARE FEET (65,032 M ²)