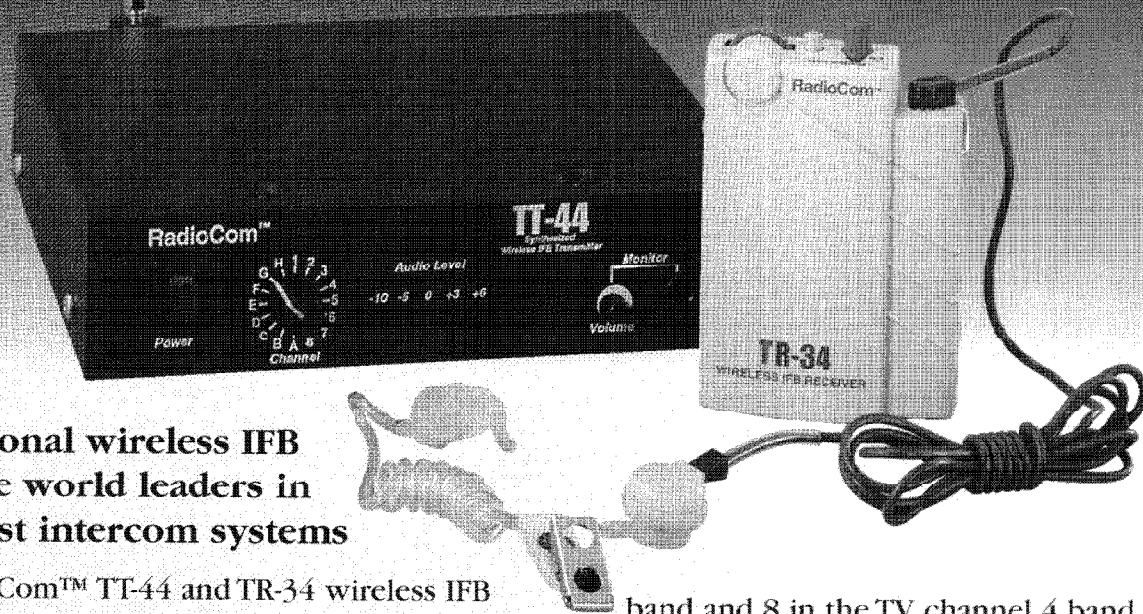


Telex®

RadioCom™ TT-44 & TR-34 Broadcast Wireless IFB System



Professional wireless IFB from the world leaders in broadcast intercom systems

The RadioCom™ TT-44 and TR-34 wireless IFB system is designed to provide a convenient wireless link to talent in the studio, or while on location.

TT-44 IFB Transmitter

The Telex RadioCom™ TT-44 is a 16 channel synthesized wireless IFB transmitter designed to provide a wireless link to on-air talent in the studio or while you are in the field. Operating in the 64-68 MHz range the units operate reliably at distances over 750 feet.

The TT-44 transmitter has a 3 pin XLR input on the back of the unit with a selector switch to accept either RTS™ TW, Telex Audiocom®/Radiocom™, or other types of wired and wireless intercom input. There is also a 1/4" unbalanced line level signal input jack. The TT-44 offers the flexibility of tuning 8 of its frequencies in the TV channel 3

band and 8 in the TV channel 4 band for ultimate agility while in the field. Up to 5 transmitters will operate simultaneously within the same environment.

TR-34 16-Channel Talent Receiver

The TR-34 is a 16 channel tunable talent receiver that is designed to be used with standard IFB earpieces such as the Telex Telethin™ announcers earpiece systems or with any other 8 to 500 ohm earphone. The TR-34 features a selectable high frequency boost control to equalize the high frequency loss associated with use of behind the collar acoustic tubes and earphone drivers. The receiver also features a lighted bezel for easy channel identification and auto power off when the earphone is removed from the jack. The TR-34 operates on two standard AA batteries and will operate for up to 40 hours on alkaline batteries.

RadioCom™ Broadcast Wireless IFB System

General Features

TT-44 Transmitter

- Wireless link from intercom system for cueing, talent IFB, and more.
- 16 channel synthesized transmitter. Up to five frequencies compatible for simultaneous use.
- Accepts standard *RTS™* TW, Audiocom®, and line inputs.
- Balanced XLR-3F input connector with variable level control.
- Unbalanced 1/4" input. Line level, input control.
- Audio level, power ON indicator. Uses 115 VAC wall pack or 15-24 Vdc.
- Rack mountable in single and dual configurations in 19" racks

RF Frequency Range: 64.5 - 67.5 MHz

Modulation: FM ±25KHz deviation

Signal-To-Noise-Ratio: 58 dB (64 dB A weighted)

Maximum Deviation: ±25KHz

Maximum Rated Power: 50 mW

Audio Input: XLR-3F 100mV to 2V

Antenna Type: 1/4 wave omnidirectional telescoping whip included, external antenna optional

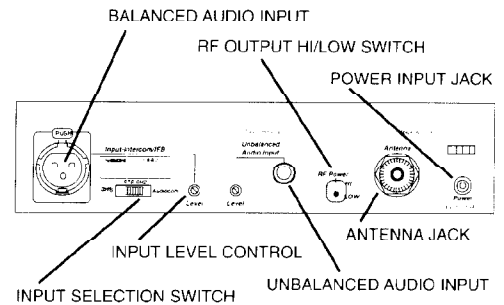
Audio Controls: Input level, Intercom select

Power Requirements: 15-24 Vdc or 13 Vac; 115 Vac 60 Hz plug-in wallpack power supply

Dimensions: (WDH) 7.5 in X 6.815 in X 1.75 in (19.2 cm X 19 cm X 4.5 cm)

FCC ID: B5DM507

Visual Indicators: 5 segment audio level LED, 1 power ON indicator

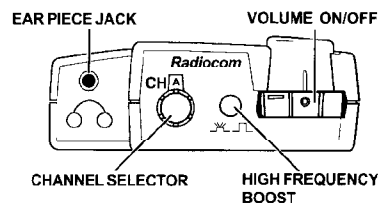
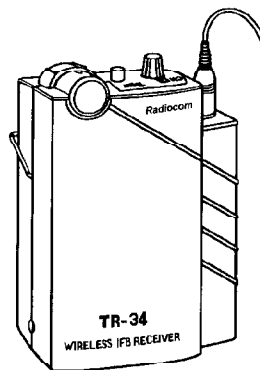


Stock Frequencies

CHAN	FREQ (MHz)	CHAN	FREQ (MHz)
1	64.5	A	66.1
2	64.7	B	66.3
3	64.9	C	66.5
4	65.1	D	66.7
5	65.3	E	66.9
6	65.5	F	67.1
7	65.7	G	67.3
8	65.9	H	67.5

TR-34 Receiver

- 16 channel synthesized tunability.
- Backlit detented channel selector with positive click tuning.
- High frequency boost compensates for high frequency loss when used with long acoustic tubes.
- Automatic power shutdown when the carpiece is unplugged.
- Runs on two standard AA size Alkaline batteries for up to 40 hours or NiCads for 10 hours continuous use.
- Accepts standard 3.5mm mini stereo/mono car picces.



RF Frequency Range: 64.5 - 67.5 MHz

Harmonic & Spurious Emissions: Meets FCC part 15

Sensitivity: 1.0 uv maximum, 12 dB SINAD @ 25KHz deviation

Distortion: <2% T.H.D.

Audio Output:

into 8 Ohms 80 mW

into 32 Ohms 50 mW

Antenna Type: 1/4 wave, in earphone cord

Audio Controls: Volume, On/Off, high frequency boost control (push on type)

Ear Piece Connector: 3.5mm mini stereo or mono

Channels Tuned: 2 TV Channels; 64.5-65.9 MHz & 66.1-67.5 MHz. (TV-3) 64.5, 64.7, 64.9, 65.1, 65.3, 65.5, 65.7, 65.9MHz. (TV-4) 66.1, 66.3, 66.5, 66.7, 66.9, 67.1, 67.3, 67.5.

Temperature Range: 32° F to 120° F (0° to 50° C)

Weight: 3 oz. (85g)

Size: (WDH) 2.62 in X 1 in X 3.750 in (6.7 cm X 2.5 cm X 9.5 cm)

FCC ID: B5DE404 Part 15

Visual Indicators: Backlit ON/Channel indicator

Ordering Information

Model	Description	Order Number
TT-44SYS	Base Transmitter & One TR-34 Receiver	71236-000
TT-44	Base Transmitter	71219-000
TR-34	16-Channel Talent Receiver	71186-000

Talent earphones & accessories are available separately, consult Telex Professional Headset catalog number. PA-2703-8 for more information.

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