Hearing Helper™ FM Tour Guide System • Model TGS PRO 720







Description:

The Hearing Helper™ FM Tour Guide System, model TGS PRO 720, helps tour group members with hearing difficulties overcome background noise and distance from the guide. Use it in factories, museums, power plants—anywhere hearing assistance is needed. System includes one (1) T32 transmitter with MIC 086 microphone, ten (10) R35 receivers, batteries and system carry case. System operates on 72-76 KHz bandwidth for hearing assistance.

Applications:

- Group Tours Destination Marketing Organizations Cruise Ships Tourism Offices
- University Tours Large-Scale Guided Attractions Museum & Presentation Centers
- Conferences Requiring Language Interpretation Chambers of Commerce Factory/Plant Tours

PFM T32 FM Transmitter

Dimensions: 3-5/8" L x 2-3/8" W x 7/8" H (92.1 mm x 60.3 mm x 22.2 mm)

Weight: 4.4 oz (125 g) with battery

Color: Royal blue, shatter-resistant polypropylene

Battery Type: Two (2) AA 1.5 V non-rechargeable Alkaline batteries (BAT 001), 70 mA

nominal current drain, 30 hours approx. life

(OR) Two (2) AA 1.5 V NiMH rechargeable batteries (BAT 026), 70 mA nominal current drain, 20 hours per charge approx., recharges in 14–16

hours, uses CHG 200 or CHG 1600 Charger

Operating Freq's: Selectable, 16 channels, 72.1 – 75.9 MHz, internal rotary switch

Stability: ± .005%, frequency synthesized, crystal reference, PLL

Modulation: Wide-band FM, 75 kHz pk, 75 μS pre-emphasis

RF Output: 8000 μV/m at 30 m, max., 40 mW typical Freq Response: 200 to 10 kHz, + 3 dB at 1% max. THD

Signal-to-Noise Ratio: 55 - 60 dB, with R31 or R32 Receiver
Microphone Gain Control: 45 dB maximum, 18 dB minimum

Transmit Antenna: Integral with 39" microphone cord

Microphone: Electret type, 39" cord, 3.5 mm mono phone plug

Controls: On/Off switch, slide-type; Microphone Mute Switch, slide-type;

Compression Selector 1:1 or 2:1 with internal selectable jumper

Mic Connector: 3.5 mm mono phone jack

Compatible Receivers: PPA R35, PFM R31, PFM R32

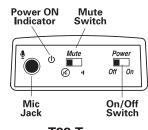
Approvals: FCC, Industry Canada, RoHS, WEEE

Warranty: 5 years, parts and labor (90 days on accessories)

Note: FCC regulations, section 15.21, requires the user to comply with the

rules of transmitter operation. Any changes or modifications made by the user not expressly approved for compliance may result in the loss

of all privileges and authority to operate the equipment.



T32 Top



T32 Front

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE!



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PPA R35 Receiver

Dimensions: 4.1" L x 2.85" W x 1.2" H (104.1 mm x 72.4 mm x 30.4 mm)

 Weight:
 4.5 oz (127 g)

 Color:
 Gray

Battery Type: Two (2) AA non-rechargeable alkaline batteries (BAT 001),

approx. 100 hours battery life (OR) Two (2) AA rechargeable NiMH batteries (BAT 026), 1400 mA, approx 56 hours battery life

Current Consumption: Nominal 40 mA

Operating Freq.: Pre-tuned, adjustable, 72 MHz-76 MHz *

Sensitivity: 2 µV at 12 dB Sinad with squelch defeated

Input Overload: 20 mV

Frequency Response: 100 – 15 kHz, ± 3 dB Signal-to-Noise Ratio: 65 dB at 10 µV

Receive Antenna: Integral with earphone/headphone cord

Audio Output: $\overline{\ \ 35 \ \text{mW}}$, max. at 16 Ω Output Connector: $\overline{\ \ 3.5 \ \text{mm}}$ mono phone jack

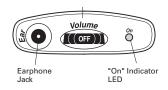
Approvals: FCC, Industry Canada, RoHS, WEEE

Notes: The R35 Receiver can be field tuned to any of 10 wideband

channels using the PLT 005 Tuning Tool.

Warranty: 5 years, parts and labor (90 days on accessories)

Note: *FCC rules limit the use of the 72–76 MHz band to hearing assistance.



R35 Top



R35 Front

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