

FCC/IC Testing General Product Information for FM T55 Transmitter

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Model#: FM T55
FM T55 D

FCC ID: CNMFMT55
ISED ID: IC: 1360A-FMT55

Brief Description:

The FM T55 is a Wideband base station FM transmitter operating on 17 channels between 72-76MHz. At full power, the transmitter has up to 1000 foot transmission range using an ANT 005 antenna. When used as a system with compatible FM receivers, it provides for hearing assistance by allowing a group of people to listen directly to the sound source without interference from background noise or distance. It has an OLED display which indicates transmission frequency, antenna output power setting, and audio settings. Current audio level is displayed by a set of 10 green, yellow, and red LED's. The unit can be controlled through a 5-button control set on the face of the unit, or through its hosted webpage. Audio is input through the analog XLR/1/4" phone combo jack input selectable between microphone and line level sources, or the optional Dante connector. Audio is output through a line level RCA jack on the back panel, a 1/4" headphone jack on the front panel, through streaming on the Ethernet jack for WiFi broadcast through a separate network, and via RF transmission to receivers.

Additional Information contained in T55 Theory of Operation.docx and the T55 User's Manual, MAN245.

FCC Label Location:

FCC Label (IDZ08) to be located on the bottom of the unit as shown in product photos.

FM Plus Assistive Listening Transmitter
Model: FM T55 Serial # A0002 Date: 8/2/2019
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. FCC ID: CNMFMT55 IC: 1360A-FMT55
RoHS Power Input: 24 VDC, 0.75A
Williams Sound Eden Prairie, MN 55344 Made in USA

We are seeking FCC approval under FCC part 15.237 as a class II permissive device. We intend to market the product in the US and Canada.



External Power Supply, Williams Sound part number TFP 062



Front Face of Unit



Back of unit



Left Side of Unit



Right Side of Unit



Bottom of unit showing FCC ID label



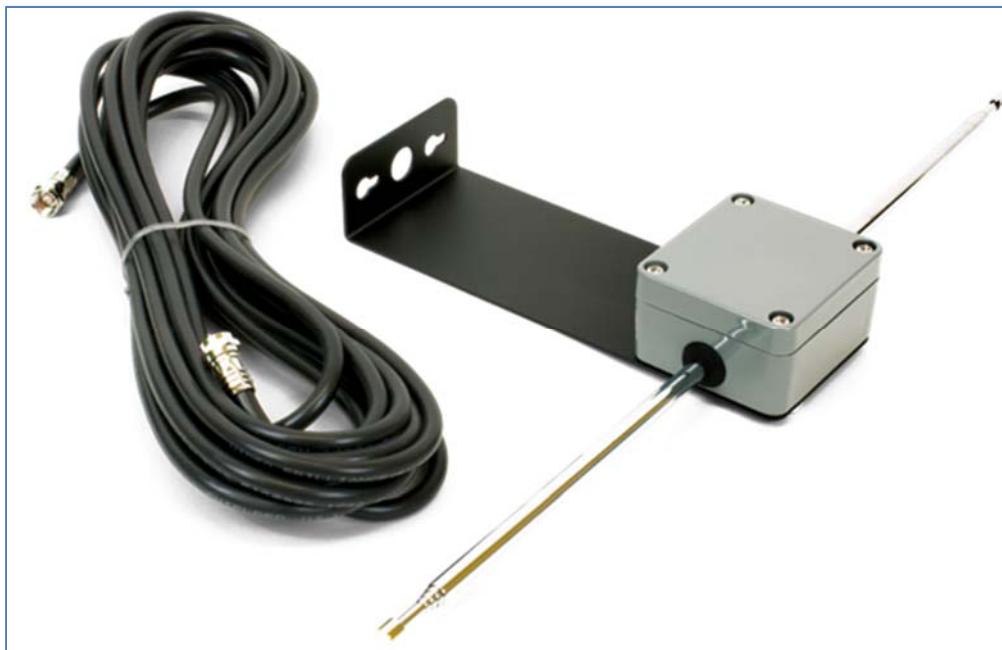
Top of Unit



ANT 005 Coaxial Dipole Antenna



ANT 021 Rubber Duckie Antenna



ANT 024 Dipole Telescoping Whip Antenna



ANT 025 Telescoping Whip Antenna