

FCC/IC Testing General Product Information for FM T55 Transmitter

Contact Information:

Send Reports To and File Under Name of:

Gregg Abram, Chief Technical Officer

Direct: 952-224-7703

Email: gregga@williamssound.com

Company Information:

Williams Sound, LLC

10300 Valley View Road

Eden Prairie, MN 55344

1-800-328-6190

Technical Lead:

Butch Herrington, Principal RF Engineer

Direct: 952-224-7721

Email: butchh@williamssound.com

Model#:

FM T55

FM T55 D

FCC ID: CNMFMT55

ISED ID: IC: 1360A-FMT55

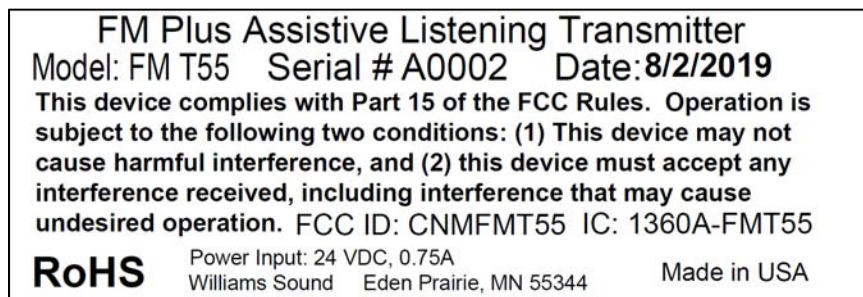
Brief Description:

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/¼" 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 ¼" 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.



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



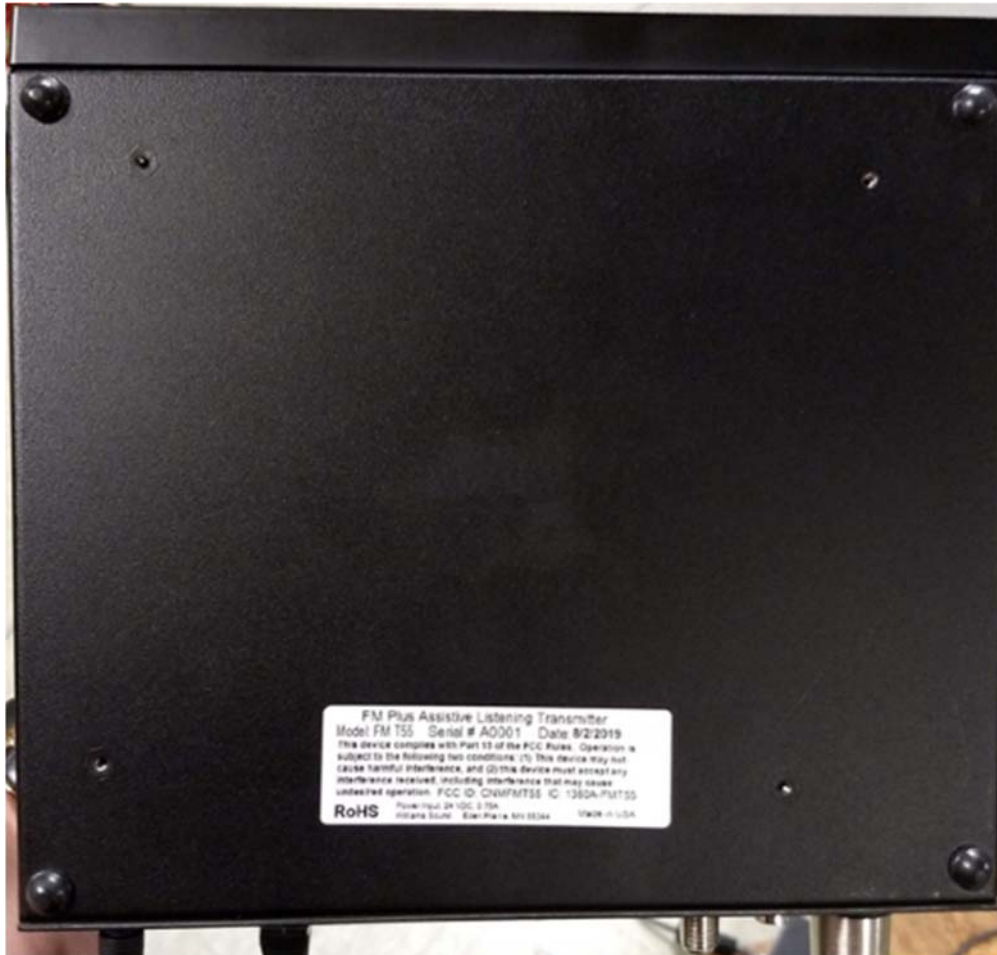
Back of unit



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