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# 12KIT8U

## 12 KW Digital UFH Television Transmitter



- **Air cooled IOT tube as the final stage amplifier**
- **12 KW 8VSB Digital or 30 KW Analog in combined mode**
- **Differential gain and phase correction for the cleanest signal around**
- **Brightly lit touch screen monitoring system**
- **Crowbar Protection**

*e. l. marsden wireless, inc*

## 12KIT8U (Digital) or A30KITU (Analog) IOT Transmitter

The 12KIT8U transmitter is a high quality, high reliability, air cooled transmitter capable of 30KW visual plus 3KW aural in combined mode, or 12KW of 8VSB Digital power.

All *e. l. marsden wireless, inc.* Transmitters utilize state of the art Exciters and Up-converters to provide you with the best performance possible. Differential gain and phase correction is provided to give your the clearest signal around, and with our newest Up-converter, optional frequency locks with 3 Hz stability can be obtained allowing you to operate with the least chance of interference to other broadcasters.

This *e. l. marsden wireless, inc.* IOT Transmitter employs Broadband, Solid State Amplifiers in its Intermediate Stages, using the latest technology for High Performance Output Devices.

There is no costly installation or upkeep problems because there are no copper pipes to leak water or Glycol, and no outside heat exchange. Using an E2V IOT air cooled amplifier for the final stage, *e. l. marsden wireless, inc.* is able to provide you with the highest reliability possible.

The *e. l. marsden wireless, inc.* IOT Transmitter has a brightly lit touch screen monitoring system that uses an intuitive GUI to provide you with event-alarm logging, configurable menus, and trend logging for longterm system monitoring, With dedicated hardware for control, *e. l. marsden wireless, inc.* is able to provide you with an easily field repairable transmitter with modern control and monitoring functions that you desire.

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