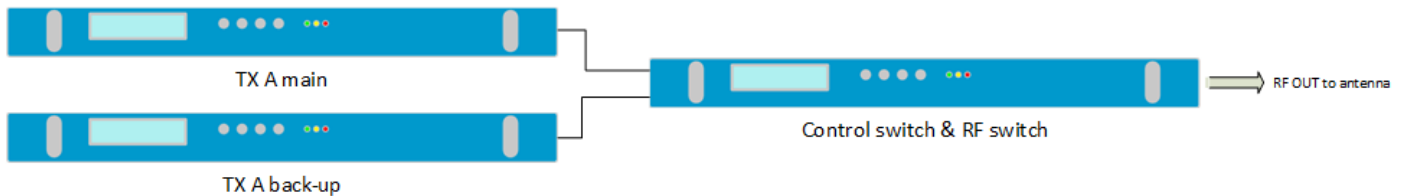# WAVE150
150W D.D.S. FM TRANSMITTER

WAVE150, the 150W FM transmitter is built in a 19'' 1U or 19'' 2U rack drawer, according to the option required. Max depth (from the front panel) is only 55cm.

WAVE150 has inside the latest version of D.D.S. digital modulator with stereo coder and advanced soft clipper (limiter) and LAN interface (for management) – "H-LAN". The intuitive Web GUI designed in HTML and SNMP is embedded in each unit. It is possible to remotely control and check settings/ status by the Web GUI: output frequency and power, inputs switch policy/ list, audio levels, RDS, download LOG events, manage and check alarm/ warning list, etc. SNMP basic readings: machine model, frequency, forward and reflected power, active input, temperature, presence of any alarm/ warning. SNMP basic commands: frequency, reset, output power, audio ON/OFF, audio mute, unit ON/ stand-by.

With the "S-FULL" license it is possible to enable several features:
- automatic input switch with n.3 priority profiles (so three audio sources and customized switching times and levels)
- static RDS coder
- AES/ EBU
- AES 192
- audio monitor (of input audio signal and on-air audio signal) via 3.5mm jack
- micro SD card slot (for mp3 playing, in case other sources are down)
- FM receiver (for reaper operation)

"S-IP" license enable the MPX over IP and IceCast2 inputs. In the first case, the MPX over IP signal must be generated by a WaveArt unit and it should be transmitted to our transmitters (at the moment doesn't exist a norm for that).

As option, it is possible to have an inbuilt audio digital processor and/ or a terrestrial (DVB-T/T2) and satellite (DVB-S/S2) receiver.

Transmitter can be supplied in automatic 1+1 configuration. In this case the control switch & automatic changeover unit (WAVE-LU-150) is built in a 19'' 1U rack drawer, including optionally dual power supply, RF switch and dummy load (all inside the same unit according to reduce occupation and avoiding external interconnections). Switching policy can be customized thought the Web GUI.

We can personalize for you:
- front panel according to your logo/ color
- name shown in display
- logo/ color of web GUI