

# TETRA BOOSTER



## Applications:

- TETRA Digital Trunk Radio
- In-Building Coverages Extension
- Tunnel Coverages Extension

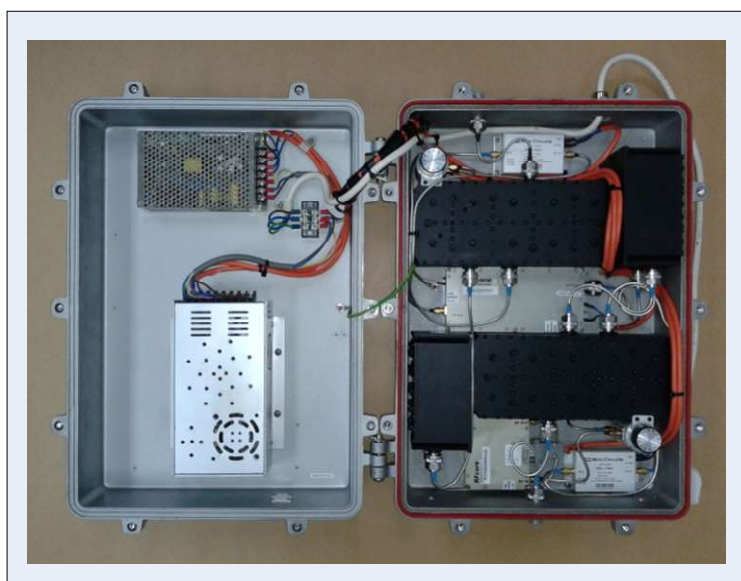
The TETRA Booster is an outdoor rated (IP65) and natural air cooled bi-directional Radio Frequency (RF) signal booster operating in 380~430 Mhz Tetra band.

Typical application of the TETRA Booster is extension of RF coverage areas such as underground tunnels, in-building car parks, offices, and shopping malls for TETRA digital trunk radio system.

TETRA Booster provides 50dB Gain to both downlink and uplink RF signal from the Base Stations, amplifying the RF signal in the blind spot areas to sufficient level for Reliable communication.

The TETRA Booster offers the following advantages:

- Compact and Light-weight
- IP65 rated for harsh outdoors
- Fan Free, Maintenance Free
- Simultaneous Transmission & Reception



# TETRA BOOSTER

## Specifications:

### Electrical Specifications:

Models	TEB-1	TEB-5	TEB-10	TEB-25	TEB-50	TEB-100
Frequency Ranges	380~400Mhz and 410~430 Mhz					
Nominal Impedance	50 ohm					
Minimum Return Loss	-18 dB					
Maximum Output Power	1 Watt	5 Watts	10 Watts	25 Watts	50 Watts	100 Watts
Gain	25~50 dB in 1 dB Steps					
Connector Type	N Type					
Power	110/230 AC, 5A max.					



Top View



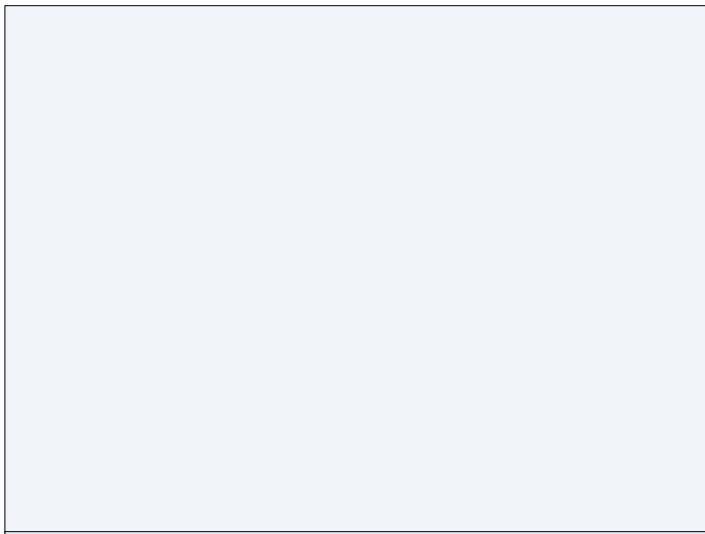
Bottom View

### Mechanical Specifications:

Dimension (LxHxB)	473x324x138mm
Weight	20 kg
Cabinet type	IP65

### Environment Specifications:

Operating Temperature	0 to +55 °C
Humidity	95% non-condensing



Contact our dealer for more information