

ENGLISH

10mW POCSAG Repeater

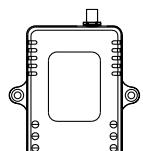
RP-100 User Manual

- Do not operate this device in a hazardous atmosphere.
- Do not replace or change accessories in a hazardous atmosphere. Contact sparking may occur while installing or removing accessories and cause an explosion or fire.
- Do not disassemble this device in any way that exposes the internal electrical circuits of the unit.
- Make sure to read this manual before using the machine. Please keep it in hand for future reference.

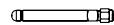
This device complies with Part 15 and 90 of the FCC Rules. Operation is subject to the following two conditions:

(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: NDARP100

Preparedness

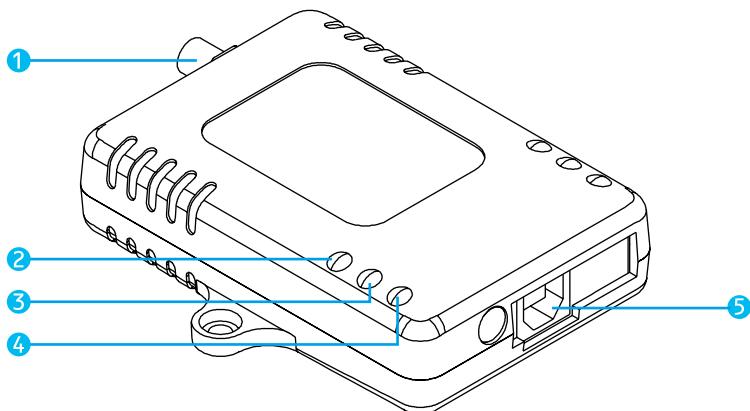


Repeater



Antenna

Overview



- ① Antenna Connect
- ② Power indicator
- ③ Transmitting indicator
- ④ Receiving indicator
- ⑤ USB port

TRANSMITTER

TX output power	10mW
Channel Spacing	12.5KHz/ 25KHz
Modulation Type	F3D,F3E
Maximum Deviation	+/- 4.5kHz , +/- 2.5kHz
Baud Rate(bps)	512 / 1200 / 2400
Conducted Spurious Emission	less - 50dBc
TX current Consumption	< 180mA

RECEIVER

Sensitivity	< -120dBm
Adjacent Channel Selectivity	12.5kHz Channel Spacing: >50dB, 25kHz Channel Spacing: >55dB
Frequency Stability	+/- 1ppm
RX current Consumption	<170mA

Format	POCSAG / TI
Frequency Bands	430~470, 860~872Mhz
Power Supply	USB 5V/1A
Temperature Range	-10 ~ +60 °C
ESD	±4KV (contact), ±12KV(air)