



TP-8000 Series

Bluetooth Embedded Hand Held

TP-8102 5/1W VHF (136-174 MHz)

TP-8402 4/1W UHF (400-470 MHz)

TP-8102BT VHF with Bluetooth

TP-8402BT UHF with Bluetooth

Industry First

Bluetooth® Embedded



TA-829BT



TA-850BT

Bluetooth Embedded Radio does not require an obtrusive dongle that can be unseated or broken. Choice of Bluetooth Speaker Mic or Lightweight Earhook Speaker/Boom Mic with remote PTT is standard on BT models. With 512 channels, scrambling, multiple scan modes, and a wide range of audio control, the TP-8000 is a full featured conventional radio and can be configured for almost any application.

Protected Against Dust and Immersion To IP-67 Standard

- 512 Channels
- Bluetooth Embedded - Class 2, Range up to 10m
- Bluetooth Models Bundled With Audio Accessory
- 5/1 Watt VHF, 4/1 Watt UHF
- 12.5 kHz or 25 kHz Channel Spacing
- 2.5/6.25 kHz PLL Stepping
- Remote Stun and Revive
- CTCSS/DCSS Enc/Dec
- 2 Tone/5 Tone Selcal and DTMF ANI
- 2 Tone Decode
- 10 Character A/N Display with Function Icons
- Inversion Scrambler
- 1 Watt Audio Output
- Priority and Conventional Scan
- TOT/BCL/BCLO
- User Adjustable Squelch (0-9 level settings)
- Power Save Mode
- User Selectable Hi/Lo Power
- VOX
- 4 Programmable Function Buttons



UHF TP-8402/BT



TECNET TP-8000 Series

Bluetooth Embedded Hand Held

Specifications

| General | TP-8102/BT | TP-8402/BT |
|----------------------------|--------------------------------|-------------|
| Frequency Range | 136-174 MHz | 400-470 MHz |
| Operating Voltage | 7.5 V DC | |
| Operating Temperature | -22° to 140° F (-30° to 60° C) | |
| Frequency Stability | ± 2.5 PPM | |
| Dimensions | (H/W/D) in. | 4.1/2.1/1.3 |
| Channel Spacing | 12.5/25 kHz per channel | |
| PLL Stepping | 2.5/6.25 kHz | |
| Weight with Li-Ion Battery | 9.1 oz. with battery | |
| Battery Life (hours) | 15/19 @ Hi/Lo pwr* | |
| Battery Capacity | 2200 mAh Li-Ion | |
| Charge Time Estimate | 2-3 hours | |

*90/5/5 duty cycle with battery save

Receiver:

| | TP-8102/BT | TP-8402/BT |
|-----------------------|------------|------------|
| Sensitivity | .28 uV | .28 uV |
| Spurious | -70dB | -70dB |
| Selectivity @ 12.5kHz | -60dB | -60dB |
| Selectivity @ 25 kHz | -65dB | -65dB |
| Audio Out | 1 Watt | 1 Watt |
| Audio Distortion | <5% | <5% |

Transmitter:

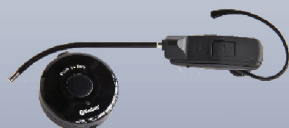
| | TP-8102/BT | TP-8402/BT |
|------------------------|------------|------------|
| Output Power VHF/UHF | 5/1 W | 4/1 W |
| FM Hum Noise @ 12.5kHz | -40dB | -40dB |
| FM Hum Noise @ 25 kHz | -45dB | -45dB |
| Spurious Emission | -70dB | -70 dB |

Ratings:

IP-67 Immersible
Meets Mil Stds.



Bluetooth Options



TA-829BT

Lightweight headset with whisper mode, noise cancelling boom mic, volume control, pairing control, rechargeable batteries, and lapel clip PTT.



TA-850BT

Rugged speaker microphone with whisper mode, volume controls, pairing control, PTT and rechargeable battery.

Accessories

- Bluetooth Speaker Mic (BT Radio)
- Bluetooth Earhook Speaker, Remote PTT (BT Radio)
- HD and Lightweight Speaker Mics
- Earhook Speaker with Lapel Mic/PTT
- Clear Earbud with Lapel Mic/PTT
- 2600 mAh Li-Ion Battery
- Nylon Carry Case with Belt Loop Swivel

Standard Package

Radio Transceiver
2200 mAh Li-Ion Battery
Rapid Desktop Charger
Antenna SMA Male
Belt Clip
User Manual

Bluetooth Options Standard with TP-8000BT

Speaker/Mic
Earhook Speaker/Boom Mic/Remote PTT

FCC / Industry Canada

| | | | |
|------------|-----------|---|---------|
| TP-8102/BT | O25PZ-100 | / | Pending |
| TP-8402/BT | O25PZ-400 | / | Pending |

Contact Information



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