

HYT

Two-way Radio

TM-600/TM-610

Radio mobile professionnelle rentable

Les mobiles TM-600 et TM-610, performants mais simples à utiliser, sont créés pour vous offrir la communication immédiate et fiable dont vous avez besoin pour que les équipes mobiles travaillent efficacement. L'amélioration audio du compandeur vocal de HYT et un puissant haut-parleur interne de 5 W ou externe de 13 W garantissent un son superbe, clair et net, même dans les environnements bruyants. Leur conception compacte rend ces radios idéales lorsque l'espace de montage est une contrainte.

- Compact Design
- Wide-Band Coverage
- Powerful Audio
- Built-in Scrambler



TM-600



TM-610



TM-600/610

Cost Effective Professional Mobile Radio

Super Features

Compact Design

These compact mobile radios are ideal for mounting when space is constraint.

Wide-Band Coverage

These radios provide wide band capability for users requiring a large range of frequencies. VHF is 136-174 Mhz, and UHF is 400-470 MHz, 450-500 Mhz, and 350-400MHz.

Powerful audio

HYT's voice compander audio enhancement and a powerful 13W external speaker will provide superb clear, crisp sound, even in noisy environments.

Built-in Scrambler

Maintaining private and secure communications is increasingly important, with potentially sensitive information flowing back and forth. The scrambler feature provides enhanced security for your important and private communications. ▶

HDC2400™ and HDC1200 signalling

The HDC2400™ signalling is exclusive to HYT, and contributes to the system to achieve features including ANI (Automatic Number Identification), Individual Call, Group Call, Broadcast, stun, Short Message and Data Transmission.

The HDC1200 Signalling is compatible with MDC1200, and allows functions including PTT ID Encode, Emergency Encode, Radio Check Decode, stun & Revive, Individual Call, Group Call and Broadcast.

Short message

Users can edit messages via keypad, or send pre-defined messages. Messages can be sent between radios or via the control center.

Special Features

Automatic Number Identification (ANI)

After HDC2400™ or HDC1200 signalling is received, the radio will display the ID or alias of the other party. The radio firmware supports a selective call list containing up to 128 (128 for TM-610, 8 for TM-600) items.

Built-in modem

The built-in 1200/2400bps MSK modulator offers data transmission capability.*

Emergency alarm

The emergency button allows for a transmission of a signal indicating an emergency situation.

Stun and revive

The stun function permits an authorized radio to remote disable another lost radio. This function can ensure you higher security and is perfect for the radio rental business. A stunned radio will return to operational use when the revive code is received.

DTMF function

The DTMF calling function offers flexible dialing procedures of alias dialing, auto dial and redial as well as manual dialing. Customized, user friendly number storage can be used for your most often called numbers.

Public Address (PA)

The public address feature feeds microphone audio through a powerful PA amplifier to the external speaker, offering robust, out of vehicle, audio clarity.

Large 15-Segment LCD Display (TM-610)

Users may toggle the display to channels or zones, auto dial numbers or other functional settings. The keypad and display illuminates to provide visibility for night time operation.

8-Segment Numeric LED (TM-600)

The numeric 8 segment display indicates the channel of operation. LEDs also indicate channel scan and transmit power operation.

128 Channels and Dynamic Regrouping (TM-610)

The 128 channel and zoning capability of the TM-610 offers flexibility in organizing work groups. Each channel and zone can be assigned a user friendly name for easy identification. Dynamic regrouping offers flexibility in a changing work group environment.

Lone Worker

The lone worker feature provides added security and safety for individuals who work remotely from their team. Since this function is enabled, the radio will emit an alert tone after the preset time elapses, then the user must press any key, otherwise the emergency procedure will be activated.

Ignition Sense, Timed Power Off

When this function is enabled, you have to connect the ignition wire to the rear panel of the radio so that you can turn on/off the radio by igniting/stalling the car. The radio can only be turned on by igniting the car and will be turned off automatically within the preset time after the car stalls.

6 / 4 Programmable Backlit Keys

Provides immediate and easy access to your most often used features.

Versatile Scan (TM-610)

The TM-610 scan allows for single or multiple zone scanning. Scanning features include add / delete scan channels, nuisance channel delete and user selectable priority channel.

Channel Scan (TM-600)

The TM-600's scan feature offers priority channel scan, selectable priority channel, nuisance channel temporary delete, etc.

Wired Cloning / MSK Wireless Cloning

Allows users to quickly and easily duplicate one radio's parameters into another radio.

UST (User Selectable Tone)

The user can select CTCSS/CDCSS codes via the programmed function key.

Recommended Applications

- Taxi
- Transportation

Accessories

Standard Accessories

Palm microphone SM11R1
Microphone hanger

Mounting bracket BRK04
Vehicle power cable PWC06

Fuse POA15

Optional Accessories



Palm microphone
SM07R2



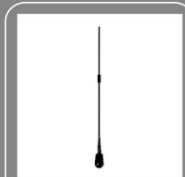
Keypad microphone
SM07R1



External speaker
SM09S2



Desktop Microphone
SM10R2



Mobile antenna



Cloning cable CP06



Programming cable PC21



Applicable MIL-STD-810C/D/E/F

| Applicable MIL-STD | 810C | | 810D | | 810E | | 810F | |
|--------------------|---------|------------|---------|------------|---------|------------|---------|------------|
| | Methods | Procedures | Methods | Procedures | Methods | Procedures | Methods | Procedures |
| Low Pressure | 500.1 | 1 | 500.2 | 1,2 | 500.3 | 1,2 | 500.4 | 1 |
| High Temperature | 501.1 | 1,2 | 501.2 | 1,2 | 501.3 | 1,2 | 501.4 | 1,2 |
| Low Temperature | 502.1 | 1 | 502.2 | 1,2 | 502.3 | 1,2 | 502.4 | 1,2 |
| Temp. Shock | 503.1 | 1 | 503.2 | 1 | 503.3 | 1 | 503.4 | 1 |
| Solar Radiation | 505.1 | 1 | 505.2 | 1 | 505.3 | 1 | 505.4 | 1,2 |
| Rain | 506.1 | 2 | 506.2 | 2 | 506.3 | 1,2 | 506.4 | 1,2 |
| Humidity | 507.1 | 2 | 507.2 | 2,3 | 507.3 | 2,3 | 507.4 | 1 |
| Salt Fog | 509.1 | 1 | 509.2 | 1 | 509.3 | 1 | 509.4 | 1 |
| Dust | 510.1 | 1 | 510.2 | 1 | 510.3 | 1 | 510.4 | 1 |
| Vibration | 514.2 | 8,10 | 514.3 | 1 | 514.4 | 1 | 514.5 | 1 |
| Shock | 516.2 | 1,2,5 | 516.3 | 1,4 | 516.4 | 1,4 | 516.5 | 1,4 |

General

| | | |
|--------------------------------|---------------------------|-------------------|
| Frequency Range (MHz) | UHF: 400-470 VHF: 136-174 | |
| Channel Capacity | 8 (TM-600) 128 (TM-610) | |
| Zone Capacity | 16 (TM-610) | |
| Channel Spacing (KHz) | 12.5/20/25 | |
| Operating Voltage | 13.6V DC \pm 15% | |
| Current Drain | Standby | 0.5A |
| | Receive | <2.0A |
| | Transmit | <5A(5W)/<8A (25W) |
| Frequency Stability (ppm) | \pm 2.5 | |
| Operating Temperature (°C) | -30~+60 | |
| Antenna Impedance (Ω) | 50 | |
| Dimensions (L×W×H) (mm) | 152×43×125 | |
| Weight (kg) | 1 | |

Transmitter

| | |
|------------------------|--------------------------------|
| RF Power Output (w) | 5/25 |
| Modulation | 16K Φ F3E/11K Φ F3E |
| Spurious and Harmonics | -36dBm<1GHz -30dBm>1GHz |
| FM Noise | >45dB(25/20KHz) >40dB(12.5KHz) |
| Audio Distortion | \leq 3% |

All Specifications are tested according to TIA/EIA-603, and subject to change without notice due to continuous development.

Receiver

| | |
|------------------------------------|---|
| Sensitivity (μ V) | 0.28 |
| Selectivity (dB) | 75/65 |
| Intermodulation (dB) | 65 |
| Spurious Response Rejection (dB) | 70 |
| S/N(wide/narrow) | >45dB (25/20KHz) >40dB (12.5KHz) |
| Internal Audio Power Output(Rated) | 5W (less than 5% distortion) 3W (less than 3% distortion) |
| External Audio Power Output(Rated) | 13W (less than 5% distortion) 12W (less than 3% distortion) |



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