

# ArroTop



## PT3600

PMR446 License Free Portable

Compact Size and Light Weight

Enhanced Voice Quality

Long working Time

DTMF Encode & PTT ID



Small but Sophisticated



IP54



PT3600 is the latest high quality and professional Portable Radio, its lightweight, strong and durable, high cost-effective, high capacity lithium ion battery, Flash IC, PTT ID can meet your needs in different applications. Unique inner cavity design, and its high fidelity and sensitivity voice communication will give you a perfect experience of communication.

## Special Features:

- **Good appearance and lightweight**

Unique design, convenient and simple operation, easy to carry.

- **Channel Annunciation & Flash IC**

Press the preprogrammed Channel Annunciation button, the current channel number can be heard. And Flash IC function. The annunciation could be custom-tailored.

- **PTT ID**

PTT ID uses DTMF code. It is used to notify the identity of the callers to the monitoring center, or used to activate the repeater.

- **VOX**

Enjoy the convenience of hands-free operation when open the VOX function.

- **Battery Check**

Press the preprogrammed Battery Check button, the current battery power level can be heard. There are four levels in all. Level 4 indicates that the battery power is full, and level 1 indicates that the battery power is low.

## SPECIFICATIONS

### General

Frequency Range	446MHz
Channel Spacing	12.5KHz/25KHz
Power Supply	7.5V DC $\pm$ 20%
Operating Temperature	-25°C ~ +55°C
Number of Channels	16
Dimension(H×W×D)	59mm×127mm×38mm
Weight(with antenna&battery)	225g
Battery	1300mAh
Sealing	MIL STD 810 C/D/E and TIA/EIA 603 Withstands rain testing per MIL STD 810 C/D/E and TIA/EIA 603/IP54
Shock and Vibration	MIL STD 810 C/D/E and TIA/EIA 603 Protection provided via impact resistant housing exceeding MIL STD 810 C/D/E and TIA/EIA 603/IP54
Dust and Humidity	Ip54

### Transmitter

Frequencies	446MHz
Frequency Stability(-25 to 55, 25 Ref)	2.5ppm
Power Output	0.5W
Modulation Limiting	$\pm$ 2.5KHz@12.5KHz, $\pm$ 5KHz@25KHz
FM Hum & Noise	-40dB@25KHz, -35dB@12.5KHz
Conducted/Radiated Emission	-36dBm < 1GHz, -30dBm > 1GHz
Adjacent Channel Power	-60dB @ 12.5KHz, -70dB @ 20/25KHz,
Audio Response	(300-3000Hz)+1 ~ -3 dB
Audio Distortion	< 5%

### Receiver

Frequencies	446MHz
Sensitivity(12 dB SINAD)EIA	0.28 $\mu$ V@12.5KHz, 0.25 $\mu$ V@25KHz typical
Intermodulation EIA	65dB
Adjacent Channel Selectivity	60dB@12.5KHz, 70 dB@25KHz
Spurious Rejection	70dB
Rated Audio	1W
Audio Distortion @ Rated Audio	5%
Audio Response (300-3000Hz)	+1 ~ -3 dB
Conducted Spurious Emission	-50 dBm<1 GHz, -47 dBm>1GHz

## Standard Accessories:



KTC-21(UK)  
Switching power



KTC-23(EU)  
Switching power



KTC-25(US)  
Switching power



KTC-26(AU)  
Switching power



KTC-50A1  
Switching power



KTC-50C1  
Switching power



KTC-50E1  
Switching power



KTC-50F1  
Switching power



KTC-50G1  
Switching power



KTC-50H1  
Switching power



KBC-31A  
Desktop charger



KBJ-06  
Belt clip



KB-31A  
Li-poly 1300mAh  
Battery pack



Antenna-C



KGS-01  
Hand strap

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