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# 2012-2013 GENERAL PRODUCT CATALOGUE

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# CB RADIOS

Citizen Band Mobile Transceivers

TCB-550/560/771/881/775/880H/900/1100/R2000/TX-410

**TCB-550** is designed to hang on any place in vehicle by its compact and slim size, but it still has powerful features including Multi-Band Capabilities.

Easy operation by simplified function selection is another big advantage.

The combination of conventional black housing and big LCD with the blue illumination encompasses a wide range of advanced technology.



### Slim & Compact Auto Squelch Imbedded

Smallest sized, TCB-550 is equipped with the state-of-the-art technology of Auto Squelch which works perfectly in the FM mode. A simple clicking of the squelch control will always lead you to the manual squelch mode.

### FEATURES

- > Multiple Bands
- > 4 Watts Output Power
- > AM/FM Operation
- > Menu Mode  
(Beep Tone On/Off, TOT, Backlight Dimmer)
- > Emergency Channel (9/19)
- > Scan
- > Keypad Lock
- > Squelch Control (Auto/Manual)
- > Blue Illumination
- > Dimension (WxHxL) : 124x37x135mm

### FEATURES

- > Compact Size
- > 12/24 Volt Input
- > Multiple Band
- > 4W Output Power
- > AM/FM Operation
- > DSS(Dynamic Squelch System)
- > Three Color Backlighting (Red/Blue/Purple)
- > Emergency Channel(9/19)
- > Scan
- > Dimension (WxHxL) : 124x37x135mm

Affordable,  
Attractive,  
High performance  
CB Radio  
with the offers of  
Astonishing  
Features

## TCB-560

, developing the performance of TCB-550, offers abundant features such as DSS(Dynamic Squelch System) that is one step advanced system, changeable Backlighting System and 12/24 Dual voltage operation. The components have changed to more reliable ones to guarantee unchangeable, less degradable performance.



## FEATURES

- > 12/24 Volt Input
- > Multiple Bands
- > 4 Watts Output Power
- > AM/FM Operation
- > Menu Mode (Beep Tone On/Off, TOT, Backlight Dimmer)
- > Emergency Channel (9/19)
- > Scan
- > Keypad Lock
- > Remote Channel Up/Down
- > External Speaker Connection Jack
- > External S-Meter Connection Jack
- > Quick Channel Up/Down
- > Squelch Control
- > DSS (Dynamic Squelch Control System)
- > Blue Illumination
- > Dimension (WxHxL) : 140x37x186mm

### Dynamic-Squelch System! & Dual Voltage!

Succeeding most of the proven capability of TCB-770, TCB-771 responds to the customer requirement for free connection to any power sources of vehicles this transceiver is used in.

# TCB-771

along with dual voltage capability will become a new market leader in the industry. TCB-771 has all the features and advantages of TCB-770 as well. Whether you are using the TCB-771 in a truck, car or at home, you will appreciate the ease of operation and excellent quality of communications. DSS (Dynamic Squelch System) adds to many a joy of operation.



# TCB-881

combining TCB-771 technology with extended professional features, provides the experiences of operations that you have never tasted before. The subtle adjustment of RF Gain and microphone gain supplies utmost satisfactory feeling of receiving and transmitting voices. One touch memory channel keys offer conveniences to access your channels.

### Dynamic-Squelch System! Professional & Dual Voltage!

DSS and 12/24 free voltage connection add to the variety of professional features that only the professionals want to enjoy.

## FEATURES

- > 12/24 Volt Input
- > Multiple Bands
- > 4 Watts Output Power
- > AM/FM Operation
- > Menu Mode (Beep Tone On/Off, TOT, Backlight Dimmer)
- > Emergency Channel (9/19)
- > Scan
- > Keypad Lock
- > Remote Channel Up/Down
- > External Speaker Connection Jack
- > External S-Meter Connection Jack
- > 4 Memory Buttons
- > Squelch Control
- > DSS (Dynamic Squelch Control System)
- > Blue Illumination
- > Quick Channel Up/Down
- > Local/DX Selector
- > CB/PA Selection
- > Dual Watch
- > ANL
- > MIC Gain Control
- > RF Gain Control
- > Dimension (WxHxL) : 156x51x176mm



# TCB-775

in addition to all the excellent features and functions of TCB-771, has more than 10W output power. Longer communication range will be another satisfactory benefit for your easy-touch.



## 10W

TCB-775 is the CB transceiver that you must choose if you are experiencing a difficulty communicating in a metropolitan area. This guarantees clear audio and microphone in a congested area surrounded by a lot of buildings and vehicles.

## FEATURES

- > Multiple Bands
- > High Output Power (FM10W)
- > AM/FM Operation
- > Menu Mode (Beep Tone On/Off, TOT, Backlight Dimmer)
- > Emergency Channel (9/19)
- > Last Channel Recall
- > Quick Channel Up/Down
- > Scan
- > Keypad Lock
- > Remote Channel Up/Down
- > External Speaker Connection Jack
- > External S-Meter Connection Jack
- > MIC Gain Control
- > RF Gain Control
- > Squelch Control
- > Blue Illumination
- > Dimension (WxHxL) : 140x37x186mm

## FEATURES

- > Multiple Bands
- > High Output Power (FM 25W)
- > AM/FM Operation
- > Menu Mode (Beep Tone On/Off, TOT, Backlight Dimmer)
- > Emergency Channel (9/19)
- > Scan
- > Keypad Lock
- > Remote Channel Up/Down
- > External Speaker Connection Jack
- > External S-Meter Connection Jack
- > Quick Channel Up/Down
- > CB/PA Selection
- > Dual Watch
- > ANL
- > MIC Gain Control
- > RF Gain Control
- > Local / DX Selector
- > 4 Memory Buttons
- > Squelch Control
- > DSS (Dynamic Squelch Control System)
- > Blue Illumination
- > Dimension (WxHxL) : 156x51x176mm

## DSS & 25 W

TCB-880H provides maximum in features and power. This results in guaranteeing clear communications wherever you are.

Enjoy the best combination of power and features.

# TCB-880H

in addition to all the excellent features and functions of TCB-881 has MAX power of 25W. Well tuned audio response adds to the satisfactory benefit of the longest communication range.



**FEATURES**

- > Front Speaker
- > Short Body
- > 12/24 Volt Input
- > Multiple Band
- > 4W Output Power
- > AM/FM Operation
- > Optional Bluetooth Compatible Operation
- > DSS (Dynamic Squelch System)
- > NB (Noise Blanker)
- > Dual Color Backlighting (Blue/Red)
- > Emergency Channel(9/19)
- > Microphone Gain
- > Attenuation
- > Speaker Mute
- > Scan
- > Keypad Lock
- > Menu Mode
- > Dimension (WxHxL) : 170x51x94mm

**Optional Bluetooth Compatible System Imbedded**

with the optional Bluetooth compatible system imbedded, this short body CB radio offers all basically necessary features that most users prefer together with high power operation, 10W

**TCB-900**

Front speaker CB radios are prevailing these days. Succeeding TTI's TCB-R2000 and TCB-1100, this new model also proposes high power speaker that is clear, deep, and loud enough. On the top of the usual convenient features, the optional Bluetooth compatible connection is available with any of the market purchased Bluetooth headsets.



**TCB-1100**

has new design concept with Front speaker, Full DIN-Size, CTCSS, VOX, and many other amazing features. You can experience many operations that have never been tried by any CB radios before; Changeable back lighting color, tone selection, compander selection, frequency read-outs and etc.

**FEATURES**

- > 4W or 10W Version
- > Multiple Bands
- > 12V/24V
- > AM/FM Operation
- > Menu Mode (Beep Tone On/Off, TOT, Backlight Dimmer)
- > Emergency Channel (9/19)
- > Frequency Read-outs
- > Memory
- > Last Channel Recall
- > Scan & Scan Memory
- > Remote Channel Up/Down
- > External Speaker Connection Jack
- > External S-Meter Connection Jack
- > Channel Up/Down
- > Quick Channel Up/Down
- > MIC Gain Control
- > RF Gain Control
- > DSS (Dynamic Squelch Control System)
- > Dual Watch
- > VOX
- > Tone Selection
- > Compander Circuit Selection
- > Backlight Selection
- > Selection of In-dash Mounting or Bracket Mounting
- > Dimension (WxHxL) : 189x57x165mm

**10W & Front Speaker with Tone Selection**

Why should we endure the mumbled audio sound generated from the bottom sides of the conventional CB transceivers? The front installed speaker delivers you better and clearer audio sound. You could take your partners to where there is no traffic by a tone selection, which is amazing.



# TCB-R2000

is the ultimate in mobile CB transceivers. Developed from the former TCB-1100 technology, this five way system has improved the materials and tuning for better audio reproduction.

The remote LCD unit, remote control unit and hands-free microphone are added for driver's convenience and safety.

A lot of information from the big LCD unit allows you to quickly and exactly admit the current situation surrounding you and your vehicle.

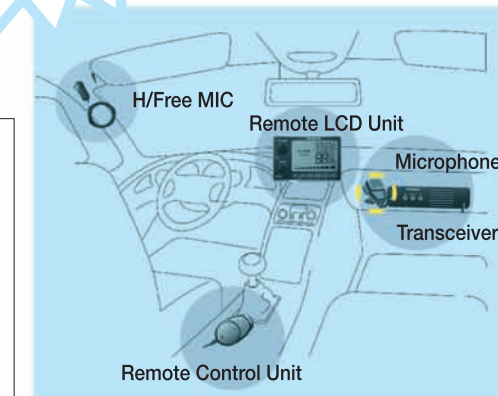


## SWAY SYSTEM

- Transceiver
- Microphone
- Remote LCD Unit
- Remote Control Unit
- Hands-free Microphone

**PATENT PENDING**

## INSTALLATION



## FEATURES

- > 12/24 Volt Input
- > Multiple Bands
- > High Output Power (FM 4W or 10W)
- > AM/FM Operation
- > Graphic Channel Display
- > Graphic Volume Display
- > ID Writing
- > Menu Mode (Beep Tone On/Off, TOT, Backlight Dimmer)
- > Emergency Channel (9/19)
- > Programmable Function Key
- > Easy Band Selection
- > Scan & Scan Memory
- > DIN Adaptation Kit
- > PC Programmable
- > Frequency Read-outs
- > Componder
- > CTCSS Tone
- > Attenuation
- > Extra PTT Capability (ex : Foot PTT)
- > VOX
- > Extra Programmable Channels
- > Speaker Mute
- > Keypad Lock
- > Remote Channel Up/Down
- > External Speaker Connection Jack
- > External S-Meter Connection Jack
- > AMG (Auto Microphone Gain)
- > Squelch Control&DSS (Dynamic Squelch Control System)
- > Backlight Selection(3Colors)
- > Dimension (WxHxL) : 189x57x165mm

# TX-410

is the ideal VHF Low-Band Mobile Radio for reliable communications in the vehicles by combining the key requirements of high-end users : reliability, durability, functionality and performance. No other compact VHF Low-Band Mobile Radio can deliver so much versatility and functionality with its affordable budget. Well sized and backlighted Read-outs enhances the vision and helps finding where you are.

## FEATURES

- > 41-48MHz Band
- > PC Programmable
- > 12.5KHz / 25 KHz Step
- > Menu Mode
- > 256 Channel Capacity
- > CTCSS Tone Capability
- > 4 Memory Channels
- > 20 Watts Output Power
- > Scan/ Scan Memory
- > 4 Memory Channels
- > Keypad Lock
- > Squelch Control
- > Frequency Read-outs
- > Monitor
- > Dimension (WxHxL) : 156x51x176mm

## 20 Watts

This will be a real best buy for anybody who likes to be a practical investor. A good question will be emerged once this transceiver is tried, why more money should be paid.





# CB FEATURE TABLE

MODEL LIST UP	TCB-550	TCB-560	TCB-771	TCB-881	TCB-775	TCB-880H	TCB-900	TCB-1100	TCB-R2000	TX-410	REMARK
Multi Band	x	x	x	x	x	x	x	x	x	256 Chs.	
Output Power	4W	8W/4W	4W	4W	10W/4W	25W/4W	10W/4W	10W/4W	10W/4W	20W	FM
LCD Display	x	x	x	x	x	x	x	x	Separate	x	
MIC Jack	x	x	x	x	x	x	x	x	x	x	
Microphone	x	x	x	x	x	x	x	x	x	x	
Squelch Control	Auto&Manual	DSS&Manual	DSS&Manual	DSS&Manual	Manual	Manual	DSS&Manual	DSS&Manual	DSS&Manual	Manual	
On/Off,Volume Control	x	x	x	x	x	x	x	x	x	x	
Channel 9/19	x	x	x	x	x	x	x	x	x	-	
AM/FM	x	x	x	x	x	x	x	x	x	-	
Scan	x	x	x	x	x	x	x	x	x	x	
Band Selection	x	x	x	x	x	x	x	x	x	-	
Antenna Jack	x	x	x	x	x	x	x	x	x	x	
Ext.Audio Jack	x	x	x	x	x	x	x	x	x	x	
Back Lighting	x	Color Selection	x	x	x	x	Color Selection	Color Selection	Color Selection	x	
12V/24V	12V	12V/24V	12V-24V	12V-24V	12V	12V	12/24V	12V	12V/24V	12V	
Speaker Location	Down	Down	Down	Down	Down	Down	Front	Front	Front	Down	
Menu Mode	x	x	x	x	x	x	x	x	x	x	Scan Delay Time/ Back Light/ Dimmer & Others
Microphone Keys	-	-	Up/Down/Lock	Up/Down/Lock	Up/Down/Lock	Up/Down/Lock	x	Up/Down/Lock	Up/Down/Lock	-	
RF Gain Control	-	-	-	-	x	x	Attenuation	-	Attenuation	-	
MIC Gain Control	-	-	-	-	x	x	x	-	Auto&Manual	-	
Quick Up/Down	-	-	Rubber Button	Rotary Switch	Rubber Button	Rotary Switch	-	Rotary Switch	Rotary Switch	-	
LCR	-	-	x	x	x	x	-	x	-	-	
S-Meter Jack	-	-	x	x	x	x	-	x	x	-	
Channel Memory	-	-	-	x	-	x	-	x	-	x	
Dual Watch	-	-	-	x	-	x	-	x	x	x	
PA Jack	-	-	-	x	-	x	-	x	-	-	
CB/PA Selector	-	-	-	x	-	x	-	-	-	-	
ANL/Off Selector	-	-	-	x	-	x	-	-	-	-	
Local/DX Selector	-	-	-	x	-	x	-	-	-	-	
Tone Channel	-	-	-	-	-	-	-	x	x	x	
VOX	-	-	-	-	-	-	-	x	x	-	38CTCSS
Frequency Readsouts	-	-	-	-	-	-	-	-	x	x	
Channel Spacing	-	-	-	-	-	-	-	-	-	x	12.5/25KHz
PC Programmable	-	-	-	-	-	-	-	-	Extra Channels	x	
Remote Control Unit	-	-	-	-	-	-	-	-	x	-	
VOX Microphone	-	-	-	-	-	-	-	-	x	-	
Remote LCD Unit	-	-	-	-	-	-	-	-	x	-	
Bluetooth Compatible	-	-	-	-	-	-	x	-	-	-	
NB (Noise Blanker)	-	x	-	-	-	-	x	-	-	-	



**TCB-900**





## Accessories for CB Transceivers

Handsfree System / External Speakers/ DC-DC Converters/ Din-Plates / CB Antennas

# Handsfree System

The Handsfree system for CB Radio and Land Mobile Radio offers the reliability of performance with refine cosmetic design. The microprocessor controlled functions are quite punctual and well operative. It goes well with any CB brands.

**A Good Match with Any CB!**

Along with its compact design controlled by the most updated micro-processor technology, THF-100&THF-100P enable you to enjoy easy and comfortable operation. Drive fun with TTI Handsfree !

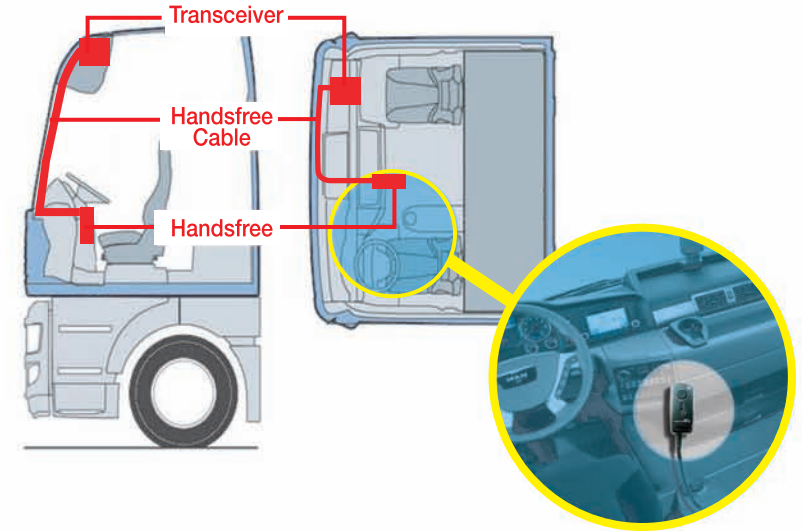


**THF-100/100P**

## FEATURES

- > Electrically Controlled
- > Handsfree On/Off
- > Time Out Timer -1,2,3 Minutes
- > TX&RX LED
- > Sensitive Microphone
- > Long Enough Connection Wire
- > Dimension (WxHxD) : 40x110x19.5mm

## INSTALLATION



# External Speakers

The most suitable external speakers for TTI transceivers and for other brands.



**ES-603**



**ES-604**



**ES-606**



Impedance	Power Output	Speaker Size	Cord Length	Connector	Dimension	Weight
8 ohm	3W Max.	57x57 mm	2.0mm	3.5mm Mono Plug	80x57x45 mm	170g
8 ohm	5W	50x90 mm	188mm	3.5mm Mono Plug	128x66x57 mm	250g
8 ohm	5W	77x77 mm	2.0mm	3.5mm Mono Plug	125x106x39 mm	250g

**SPECIFICATIONS**



	TDC-5A	TDC-10A	TDC-15A	TDC-20A	TDC-60A
Input Voltage	18V-32V	18V-32V	18V-32V	18V-32V	18V-32V
Output Voltage	12V ±5%	12V ±5%	12V ±5%	12V ±5%	12V ±5%
Output Current	5A	10A	15A	20A	60A
Max. Efficiency	>90%	>90%	>90%	>90%	>90%
Voltage Ripple	<120mV	<120mV	<120mV	<120mV	<120mV
Voltage Stop	14V ±0.5V	14V±0.5V	14V±0.5V	14V±0.5V	14V±0.5V
Protect Temperature	50°C ±20%	50°C ±20%	50°C ±20%	50°C ±20%	50°C ±20%
Volume	82x89x47mm	104x89x47mm	104x89x47mm	182x89x47mm	200x265x50mm
Weight	0.4kg	0.5kg	0.6kg	0.8kg	2.5kg

# DC-DC Converters

The most suitable DC-DC Converters for TTI transceivers and for other brands



## DIN-PLATES

TTI supplies rigidly designed and durable DIN-PLATE for TTI transceivers and also for other brands.



**DIMENSION**

	DIMENSION		CB MODEL
TDP-1000			For TCB-550/560
TDP-2000			For TCB-771/775
TDP-3000			For TCB-881/880H
TDP-4000			For TCB-1100/R2000
TDP-5000			For TCB-900

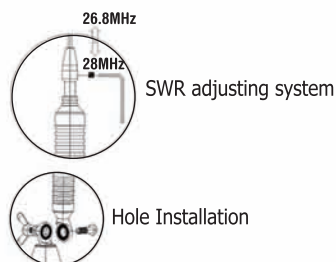
# CB ANTENNAS



## FEATURES

### Antenna /CBER-X14S

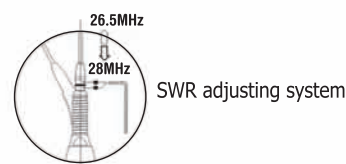
- > Frequency: 26.8-27.6MHz
- > SWL :  $\leq 1.2:1$
- > Max.Power : 35W Continuous  
250W Short time
- > Impedance : 50ohm
- > Whip length : 580mm
- > Adjustment : 0-90 °
- > Cable Length : RG58/157"
- > Polarity : Vertical
- > Connector : UHF MALE(PL-259)
- > Material : Copper Stainless Steel



## FEATURES

### Antenna /CBER-821S

- > Frequency: 26.5-28MHz
- > SWL :  $\leq 1.2:1$
- > Max.Power : 300W Continuous  
600W Short time
- > Bandwidth as S.W.R. 2:1 : 1110KHz
- > Impedance : 50ohm
- > Whip length : 1400mm
- > Polarity : Vertical
- > Connector : UHF MALE(PL-259)
- > Material : Copper Stainless Steel



## FEATURES

### Antenna /CBER-835

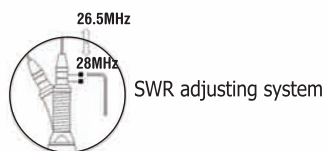
- > Frequency: 26.5-28MHz
- > SWL :  $\leq 1.2:1$
- > Max.Power : 35W Continuous  
250W Short time
- > Impedance : 50ohm
- > Whip length : 1200mm
- > Adujstment : 0-90°
- > Cable Length : RG58/157"
- > Polarity : Vertical
- > Connector : UHF MALE(PL-259)
- > Mounting Hole :  $\Phi 12.5\text{mm}$
- > Material : Copper Stainless Steel



## FEATURES

### Antenna /CBER-145

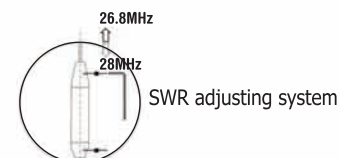
- > Frequency: 26.5-28MHz
- > SWL :  $\leq 1.2:1$
- > Max.Power : 300W Continuous  
600W Short time
- > Bandwidth at S.W.R.2:1 : 1110KHz
- > Impedance : 50ohm
- > Whip length : 1400mm
- > Polarity : Vertical
- > Connector : UHF MALE(PL-259)
- > Material : Copper Stainless Steel



## FEATURES

### Antenna /CBER-824S

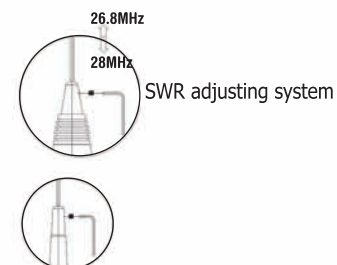
- > Frequency: 26.5-28MHz
- > SWL :  $\leq 1.2:1$
- > Max.Power : 50W Continuous  
150W Short time
- > Bandwidth at S.W.R.2:1 : 420KHz
- > Impedance : 50ohm
- > Whip length : 620mm
- > Cable Length : RG58/157"
- > Polarity : Vertical
- > Base dia : 85mm
- > Connector : UHF MALE(PL-259)
- > Material : Copper Stainless Steel



## FEATURES

### Antenna /CBER-875

- > Frequency: 26.8-27.6MHz
- > SWL :  $\leq 1.2:1$
- > Max.Power : 30W Continuous  
150W Short time
- > Bandwidth at S.W.R.2:1 : 650KHz
- > Impedance : 50ohm
- > Whip length : 590mm
- > Cable Length : RG58/157"
- > Polarity : Vertical
- > Base dia : 78mm
- > Connector : UHF MALE(PL-259)
- > Material : Copper Stainless Steel





## HANDHELD RADIOS

Consumer Radios & Professional Transceivers

PMR-121TX/PMR-506TX/TXL-446PM/TX-1446P/TX-1447P/  
TXL-1000/ TX-1000 / WP1 / WP1 OCTO / WP1 OCTO PLUS

**TTI PMR 446 Radio Series** always offer differences in design, quality and performance. This is already market proven by years of customer interface and feedback.

# PMR-121TX

## Compact But Versatile

PMR-121TX with its compact elegant design but full features like CTCSS,VOX,SCAN, and many others, is truly affordable PMR-446 radio in the world. In addition, it has excellent quality touch to satisfy the consumer radio users for many years.

Menu driven feature selection makes PMR-121TX very user friendly and allows the users to quickly set up their choices of functions.



**Compact  
Giant**

## TTI PMR 446 Radio Series

### FEATURES

- > 8 Channels
- > 38 CTCSS
- > VOX Mode
- > Scan
- > Battery Status Indicator
- > Call Ringer (3Kinds)
- > Roger Beep Tone On/Off
- > Button Beep (Keytone) On/Off
- > Keypad Lock
- > LCD Back Lighting
- > Fixed Antenna
- > External Speaker, MIC, Chg.Jack
- > Desk Top Charger : Dual

## TTI PMR 446 Radio Series

### FEATURES

- > 500mW
- > 8 Channels
- > 38 CTCSS
- > Intercom
- > VOX on/off
- > Beep Tone
- > Flash Light
- > Call
- > Scan
- > Monitor
- > Room Monitor
- > Smart Charger

### Accessories

- > Power Adaptor
- > TCGA-1007SMD
- > Earset
- > AES-4212TTRS
- > Intercom Connector
- > AIC-1000
- > Carrying Case
- > ACE-5016TH



**INTERCOM  
for  
Bikes**



# PMR-506TX

## SLIM But Full-Featured Design

PMR-506TX with its aluminium metal cabinet and rugged plastic frame has excellent pocket-sized, but full featured design in this slim and sleek shape.

A great range of radio features are supplemented with an internal Li-ion battery, being able to deliver more than 8hours' operation in normal condition. Also, it comes with an intelligent charger.



## Accessories

- > Power Adaptor
- > TCGA-1001HSM



- > Earset
- > AES-4211S/P



- > Battery (AAA x 3)
- > TBP-1006



- > Dual Charger Cradle
- > TCG-1008





# TXL-446PM

## PC Programmable Capacity

TXL-446PM is the ideal for both commercial and consumer use with its PC Programmable capability of channels as you may need with various different requirement of usage.

## Long Battery Life

High capacity AAx3, Ni-MH battery can deliver more than 15hours operation between chargers. Quick charging(4-5hours) is available.

## Smart Charging System

Each radio is supplied with an intelligent desk-top charger.

## Flexible Rubber Antenna

Soft and flexible antenna with high quality elements offers easy-carry.

## IP54

TX-1446P is the ideal for reliable communications in the toughest environment with its proven IP54 structures.

## Menu Driven System as well as PC Programming

Easy to operate and highly adaptable, through the use of menu driven configuration system as well as pc programmable function.

## Smart Charging System

Each radio is supplied with an intelligent desktop charger. (Semi Quick Charger)

## Compact, Handy Design, but Rugged

No other compact commercial PMR446 Radio can deliver so much versatility and functionality in this compact and handy size. This is also rugged and meeting military standard.

### Accessories

- > Car Adaptor
- > Earset
- > Speaker Microphone
- > Charging Cradle
- > Battery Pack
- > ACG-3312L
- > AES-4212TTRS
- > AMC-3010R
- > TCG-1006SQ
- > TBP-1107L



**PC Programmable**

### TTI PMR 446 Radio Series

#### FEATURES

- > PC Programmable
- > 18 Channels (8 Fixed + 10 Programmable)
- > 38 CTCSS + 104DCS
- > More than 15 Hour's Battery Life
- > Rotary Volume Switch
- > Scan
- > VOX
- > Call
- > Monitor

### Accessories

- > Power Adaptor
- > TCGA-1007SM

- > Earset
- > AES-4212TTRS

- > Charging Cradle
- > TCG-1007SQ

- > Speaker Microphone
- > AMC-3010R



**PC Programmable & IP54**

# TX-1446P/1447P



### TTI PMR 446 Radio Series

#### FEATURES

- > PC Programmable
- > 8 Channels
- > 50 CTCSS + 104DCS
- > More than 16 hour's Battery Life
- > Li-ion Battery (1000mAh)
- > Rotary Volume Switch
- > Rugged, Impact-Resistant Construction
- > IP54 Water Resistant
- > Semi-Quick Charger (4~5hours)
- > MIL-Standard 810,C,D,E&F

# TXL-1000

## FEATURES

- > 446MHz Band  
(Please ask of UHF(420-450MHz)Band)
- > PC Programmable
- > 256 Channels
- > 73CTCSS & 208DCS
- > 500mW/7W Output Power(UHF Radio)
- > 12.5KHz (Please ask of 25KHz Step)
- > Compander
- > Scrambler
- > Optional Bluetooth Compatible Operation
- > Dual Pocket Quick Charger
- > Clone Function
- > VOX
- > IP55 Water Proof
- > Heavy Duty Battery Pack(2200mAh)
- > ID Writing

## Accessories

- > Car Adaptor
- > ACG-3312L



- > Headset
- > AES-4212TTRS



- > Speaker Microphone
- > AMC-3010R



- > Program Cable
- > TPC-5000U



- > Charging Cradle
- > TCG-1010FD



- > Battery Pack
- > TBP-2007L



- > Power Adaptor
- > TCGA-1007DC



- > Cloning Cable
- > TCC-1000



- > Bluetooth Headset
- > AHS-1000



TXL-1000 is a simplified version of TX-1000 and could be used for the environment that requires tough conditions like rainy day, water places, construction area or similar places, but where people do not need submersible condition or 5 tone(or 2 tone) that asks cost increase.

### IP55 Dust & Water-Proof Level

IP55 structure protects your radio from most of tough environment like heavy rain and construction area.

### Bluetooth Compatible Operation(Optional)

Perfectly compatible with any of standard market purchasible bluetooth headsets, this radio offers the up-to-dated hands free solution.

### Scrambler

The imbedded scrambler protects your conversation from any other party.

### Compander

The compander supports you with comfortable listening to the other party's. This is useful especially when a headset is exploited.

### High Power Unit

The max. 7watt power extends your communication ranger over your expectation.

### Long Battery Life

High capacity battery guarantees your the high power operation for a satisfactory time span.

### DTMF Tone

This preemled DTMF tone prevents you from failing in catching the first word from your partners.

# TX-1000

## IP67 Submersible Unit

TX-1000 is IP67 level certified water-proof and submersible radio in connection with the TTI's proven rugged mechanical technology to follow the military standard.



**IP67  
Submersible**

## Bluetooth Compatible Operation(Optional)

Perfectly compatible with any of standard market purchasable bluetooth headsets, this radio offers the up-to-dated hands free solution.

## Five(5) Tone and Two(2) Tone System

5 tone and 2 tone modes offer selective calling and many convenient operations. The 5 tone also make it possible to remotely control the stun and kill function or revive the stunned radio.

## Scrambler

The imbedded scrambler protects your conversation from any other party.

## Compander

The compander supports you with comfortable listening to the other party's. This is useful especially when a headset is exploited.

## Dual Pocket Charging System

Two battery packs are charged in one desk top charger with two pockets arranged.

Your convenience is maximized upon abnormally high battery consumption being required.



## FEATURES

- > 446MHz Band (Please ask of UHF(400-470MHz)Band)
- > PC Programmable
- > 512 Channels
- > 52CTCSS & 208DCS
- > 500mW/5W Output Power(UHF)Radio
- > 5 tone and 2 tone
- > 12.5KHz (Please ask of 25KHz Step)
- > Alpha-numeric Channel Display
- > Break-in function
- > Componder
- > Scrambler
- > Optional Bluetooth Compatible Operation
- > Dual Pocket Quick Charger
- > Clone Function
- > Quiet Talk Function
- > IP 67 Water Proof Level
- > Heavy Duty Battery Pack (2600mAh)

## Accessories

- > Car Adaptor
- > ACG-3312L



- > Headset
- > AES-4212TTRS



- > Speaker Microphone
- > AMC-3010R



- > Program Cable
- > TPC-5000U



- > Charging Cradle
- > TCG-1010FD



- > Battery Pack
- > TBP-2607L



- > Power Adaptor
- > TCG-1007DC



- > Cloning Cable
- > TCC-1000



- > Bluetooth Headset
- > AHS-1000



**TTI LPD Radio Series** LPD is another field of TTI's interest. Even these are similar to PMR-446 radios, LPD radios need efficient power control technology to manage the output power better. TTI's experience proven technology leads TTI LPD radios to the top class in this category.

# WP1/WP1 Octo/WP1 Octo Plus

## Tourist Radio

This is what tourists need, what guides need.  
Tourist never miss their team and group.  
Guides never worry about careless followers who might go astray.  
No more shout !

### WP1 / WP1 OCTO / OCTO Plus

- > Long Battery Life  
(More than 30hours)
- > Optional Multi Charger System
- > Group Indication Channel
- > High Visibility Display
- > Multiple ISM Bands

### FEATURES



WP1



WP1 OCTO



WP1 OCTO PLUS

## Accessories

- > Earphone
- > AES-4213



- > Carrying Case
- > ACE-5015
- ACE-5023 / 5023P



- > Battery (AAx3)
- > TBP-1007H



- > Power Adaptor
- > TCGA-1001SM4



- > Suitcase Charger
- > TSC-WP1/Trio
- Octo/OctoPlus





## Scanning Receivers

TSC-100RA / TSC-3000R

**TTI NEW RECEIVER** TTI's receivers are capable enough to surprise experts as well as ordinary users, equipped with easy accessible keypad layouts, powerful memory and recall system.

## TSC-100RA

*Air Band, VHF Band, Low Band and WFM Broadcast Band*

Focused on Air Band, VHF Band, Low Band (66~88MHz) and WFM Broadcast Band, this narrow band receiver prides itself of exceptionally high sensitivity combined with harmonious audio sound. Simplified function adds to its convenience of use. Clear vision of buttons and large LCD helps the operation. Inter-changeable use of rechargeable batteries and dry cells enhances the mobility.



### FEATURES

- > 66-88MHz, 88-108MHz, 103-136MHz, and 136-174MHz
- > Bluetooth Operation (Optional)
- > 10 Memory Banks
- > 200 Channel Memories
- > Various Frequency Steps
- > Desktop Charger (Optional)
- > Replaceable Antenna
- > High Quality Loud Speaker

### Accessories

- > Antenna
- > **TAN-1042**



- > Earphone
- > **AES-3220**



- > Battery (AAA x 3)
- > **TBP-1007**



- > Wall Charger
- > **TCGA-1007SMD**



### FEATURES

- > Wide band up to 1,309MHz from 150KHz
- > 1300 Memory Units
- > 40 Expendable Manual Memory Banks
- > 2 Automatic Memory Banks
- > 1 Limited Search Memory Bank
- > 1 Dual Watch Bank
- > Well Defined Menu System in VFO Mode and in Memory Mode
- > Cloning Function
- > High Quality Audio Sound with 32 Steps of Volume Adjustment
- > Desktop Charger
- > High Capacity(1900mAh) Li-ion Batter Pack

### Accessories

- > Antenna
- > **TAN-1040**



- > Earphone
- > **AES-3220**



- > Battery Pack
- > **TBP-1194L**



- > Charging Cradle
- > **TCG-1006L**



## TSC-3000R

*Totally Versatile*

Capacity expendable bank system supports variety of customer needs. Harmonized automatic and manual setting combination facilities its operation.

Compact size associated with the light weight and high capacity Li-ion battery pack makes possible the whole day outdoor activity.



## Marine VHF FM Transceivers

TX-150H

**TTI MARINE RADIO** This model is most simplified but highlights indispensable features that offer user convenient environment. The performance is also maximized.

# TX-150H

## Extra Channels for Each Country

TX-150H emphasizes on the extra big sized super-bright LCD. Combined with translucent back lighting buttons arrayed in the center, the radio prides itself of its splendid appearance in combination of green, white and black colors.

Super flexibility of the antenna adds to the convenience as well as the safety enhancement. Despite water-proof nature and ruggedness, this radio never loses in design and compactness combining TTI's up-to-date technology and high capacity Li-ion battery.

### FEATURES

- > Waterproof (IP54)
- > Power High / Low (6W/1W)
- > Super-Bright White Backlight LCD
- > Auto Squelch
- > Scan Function
- > Direct Access to CH16
- > Dual Watch
- > Triple Watch
- > Priority Channel Scan
- > Key Lock
- > USA/INT'L/CANADA CH
- > WX Alert (USA/CANADA)
- > Loud Speaker
- > External Standard Two Pin Jack
- > Super Flexible and Replaceable Antenna
- > Li-ion Battery Pack



**Waterproof  
(IP54)**



### Accessories

- > Power Adaptor
- > TCGA-1007SM



- > Earset
- > AE4212TTRS



- > Speaker Microphone
- > AMC-3010RS



- > Charging Cradle
- > TCG-1006SQ



- > Battery Pack
- > TBP-1007L





# HANDHELD RADIO FEATURE TABLE



Model List Up	PMR-121TX	PMR-506TX	TXL-446PM	TX-1446P TX-1447P	TXL-1000	TX-1000	WP1/OCTO OCTO Plus	TX-150H
Frequency	446MHz	446MHz	433/446MHz	433/446MHz	433/446MHz/More	433/446MHz/More	472MHz/More	VHF Marine
Channel	8	8	69/8	128	256	512	200/640	44
Output Power	500mW	500mW	500mW	4V/ 500mW	500mW/7W	500mW/5W	100mW/100mW	4W
Battery	AAA x 3	Li-ion	Li-ion	Li-ion	Li-ion	Li-ion	AA x 3	Li-ion
Dimensions(HxWxD)	84 x 49 x 28.3mm	88 x 54 x 14.8mm	109 x 56 x 30mm	98 x 63 x 31mm	58 x 120 x 39mm	58 x 120 x 39mm	81 x 49.8 x 33mm	112 x 62.5 x 30mm
Battery Life (Hours,5:5:90)	Ni-MH	9	-	15	-	-	30	-
	Li-ion	-	8	-	16	about 20	33	8
CTCSS	38	38	38	50	73	52	-	-
DCS	-	-	104	104	208	208	-	-
Roger Beep (on/off available)	x	x	x	x	PC Programmable	PC Programmable	-	x
Antenna	Fixed	Fixed	Replaceable/Fixed	Replaceable/Fixed	Replaceable / Fixed	Replaceable / Fixed	Fixed	Replaceable
Power High / Low	-	-	x	x	x	x	-	x
Scan	x	x	x	x	PC Programmable	PC Programmable	-	x
Dual Watch	-	-	x	x	PC Programmable	PC Programmable	-	x
Triple Watch	-	-	-	-	-	-	-	x
Monitor Key	-	x	x	x	PC Programmable	PC Programmable	-	x
LCD Back lighting	x	x	x	x	x	x	x	x
Built-in Speaker	x	x	x	x	x	x	-	x
Power on/off	Electrical	Electrical	Rotary Knob	Rotary Knob	Rotary Knob	Rotary Knob	Electrical	Rotary Knob
Volume Up/Down	x	x	Rotary Knob	Rotary Knob	Rotary Knob	Rotary Knob	x	Rotary Knob
CALL Sound	3 kinds	3 kinds	5 kinds	5 kinds	5Kinds	PC Programmable	-	-
VOX	1 step	2 steps	3 steps	5 steps	3Steps	PC Programmable	-	-
Intercom	-	x	-	-	-	-	-	-
Squelch Adjustment	-	-	x	x	x	x	-	x
Key Tone	x	On/Off	On/Off	On/Off	x	PC Programmable	-	On/Off
Key Lock	x	x	x	x	x	x	x	x
External Charging	Twin Charger	Smart Charger	Smart Charger	Smart Charger	Quick Charger	Quick Charger	Wall/Suit Case Charger	Smart Charger
Auto Power Save	x	x	x	x	x	x	x	x
SPK/MIC Jack	2.5 phi	2pin Standard	2pin Standard	2pin Standard	x	x	3.5 phi	2pin Standard
Cloning	-	-	-	x	x	x	-	-
PC Programmable	-	-	x	x	x	x	Dependant on versions	-
Extra Channel Selection (Hidden)	-	-	-	-	x	x	-	x
2Tone/5Tone	-	-	-	-	-	x	-	-
Scrambler	-	-	-	-	x	x	-	-
IP Level	-	-	-	IP54	IP55	IP67	-	IP54
Bluetooth Compatible	-	-	-	-	x (option)	x (option)	-	-
DTMF Tone	-	-	-	-	x	x	-	-

## ACCESSORIES FOR HANDHELD RADIOS

	PMR-121TX	PMR-506TX	TXL-446PM	TX-1446P/1447P	TXL-1000
Earset	 AES-4211 AES-4211SP	 AES-4212TTRS	 AES-4212TTRS	 AES-4212TTRS	 AES-4212TTRS
Speaker Microphone	x	x	 AMC-3010R	 AMC-3010R	 AMC-3010R
Car Adaptor	 ACG-3311S	 ACG-3311D	 ACG-3313L	 ACG-3312L	 ACG-3312L
Charger Cradle	 TCG-1008	 TCG-1009	 TCG-1007SQ TCG-1007DSQ	 TCG-1006SQ	 TCG-1010FD
Power Adaptor	 TCGA-1001HSM	 TCGA-1007SMD	 TCGA-1007SM	 TCGA-1007SM	 TCGA-1007DC
Battery	 TBP-1006 (AAA x 3)	 TBP-1004T	 TBP-1007 (AA x 3)	 TBP-1107L	 TBP-2007L
Antenna	-	-	 TAN-1090	 TAN-1060	 TAN-1100
Belt Clip	 TBC-1003 TBC-1003F	-	 TBC-1008	 TBC-1006	 TBC-1009
Carrying Case	 ACE-5017	 ACE-5022 ACE-5022LC	 ACE-5021	 ACE-5018	 ACE-5024
Aqua Pack	 AQA-5000	 AQA-5000	 AQA-5018	 AQA-5018	-
Cloning Cable	-	-	-	-	 TCC-1000
PC Program Cable	-	-	 TPC-5000UA	 TPC-5000 TPC-4000U	 TPC-5000U

# ACCESSORIES FOR HANDHELD RADIOS

TX-1000	WP 1 & OCTO & OCTO PLUS	TSC-3000R	TSC-100R	TX-150H	
 AES-4212TTRS	 AES-4213 AMC-3012(M)	 AES-3220	 AES-3220	 AES-4212TTRS	Earset
 AMC-3010R	-	-	-	 AMC-3010R	Speaker Microphone
 ACG-3312L	-	 ACG-3312LL	 ACG-3311D	 ACG-3312L	Car Adaptor
 TCG-1010FD	 TSC-WP1/TRIO (Suitcase Charger)	 TCG-1006L	-	 TCG-1006SQ	Charger Cradle
 TCGA-1007DC	 TCGA-1001SM4	 TCGA-1007SM	 TCGA-1007SMD	 TCGA-1007SM	Power Adaptor
 TBP-2607L	 TBP-1007H (AA x 3)	 TBP-1194L	 TBP-1007 (AAA x 3)	 TBP-1107L	Battery
 TAN-1100	-	 TAN-1040	 TAN-1042	 TAN-1070	Antenna
 TBC-1009	-	 TBC-1006	 TBC-1008	 TBC-1006	Belt Clip
 ACE-5024	 ACE-5015 ACE-5023 ACE-5023P	 ACE-5018	 ACE-5021	 ACE-5018W	Carrying Case
-	-	 AQA-5018	 AQA-5018	 AQA-5018	Aqua Pack
 TCC-1000	-	 TCC-1000	-	-	Cloning Cable
 TPC-5000U	 TPC-5000U4	-	-	-	PC Program Cable



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