/Product Guide/

TTI makes difference Brings world together

2013-2014 GENERAL PRODUCT CATALOGUE

Downloaded from www.cbradio.nl

CONTENTS

1.CB RADIO

CITIZENBAND MOBILE TRANSCEIVERS 04 TCB-550N/560 05 TCB-771/881 06 TCB-880H/900 07 TCB-1100/TX410 08 TCB-R2000

CB FEATURE TABLE 09 CB Feature Table

ACCESSORIES FOR CB TRANSCEIVERS 12 Handsfree(THF-100/100P) 13 Din-Plates 14 CB Antennas

2.HANDHELD RADIO

CONSUMER RADIO & PROFESSIONAL TRANSCEIVERS 16 PMR-121TX/506TX 17 TXL-446PM/TX-1446P/1447P 18 TX-1000U 19 TX-2000U 20 WP1/WP1 Octo/Octo Plus

SCANNING RECEIVERS 22 TSC-100RA

MARINE VHF FM TRANSCEIVERS 24 TX-150H

HANDHELD RADIO FEATURE TABLE 25 Handheld Radio Feature Table

ACCESSORIES FOR HANDHELD RADIOS 26 27 Handheld Radio Accessory List

CB RADIOS

Citizen Band Mobile Transceivers

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

TCB-550N

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

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

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
> NB (Noise Blanker)
> Dimension (WxHxL) : 124x37x135mm

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 utmostly 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 professionalists 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-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.

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.

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

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)
> Three Color Backlighting (Blue/Red/Purple)
> 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.

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.

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

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.

TCB-R2000

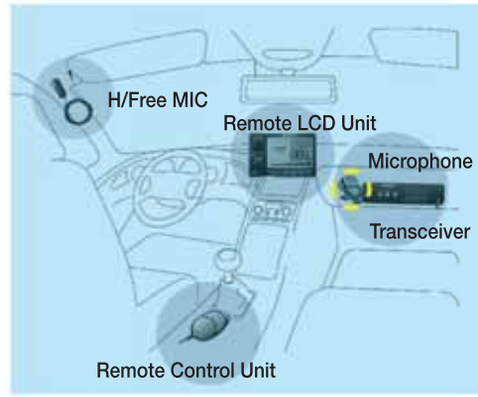
is the ultimate in mobile CB transceivers. Developed from the former TCB-1100 technology, this five way system has improved the materials and tuning for better audio reproduction.
The remote LCD unit, remote control unit and hands-free microphone are added for driver's convenience and safety.
A lot of information from the big LCD unit allows you to quickly and exactly admit the current situation surrounding you and your vehicle.

PATENT PENDING

5WAY SYSTEM

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

INSTALLATION



FEATURES

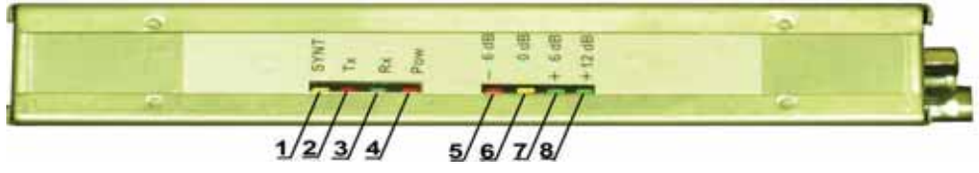
> 12/24 Volt Input
> Multiple Bands
> High Output Power (FM 4W or 10W)
> AM/FM Operation
> Graphic Channel Display
> Graphic Volume Display
> ID Writing
> Menu Mode (Beep Tone On/Off, TOT, Backlight Dimmer)
> Emergency Channel (9/19)
> Programmable Function Key
> Easy Band Selection
> Scan & Scan Memory
> DIN Adaptation Kit
> PC Programmable
> Frequency Read-outs
> Compander
> 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

TDM-100V/100U

Tranceiver TDM-100V/100U is designed for the purposes of telemetry, wireless control and data transfer, It is fully synthesized, microprocessor controlled and PC programmable unit.
To provide maximum flexbility, the TDM-100V/100U is a “transparent” device and requires an external modem.
This means that any information, which is passed to it, is transmitted to the other end of the link without modification.
We recommend that the User adds a modem with synchronization and error correction/detection.
MPT1317 may be referred to.
The TDM-100V/100U tranceiver is easy to use and only requires connection to the +12V (norminal) DC supply, the addition of a suitable aerial and fixing to some form of heatsink, if prolonged transmission is a requirement.
If continuous transmission were involved, the heatsink would need to be better than 2°C/W for full RF outfut.
External data modem may be connected to the 9 pin D-type connector.
This is in the form of low voltage analogue signals. Detailed interface information is given below.
Modern electronic components and surface mount technology are using in process TDM-100V/100U production.

FEATURES

> Up to 40MHz working bandwidth in UHF.
> Powerful 5W of UHF output power.
> Short transmit attack time-less then 20ms (15ms-typically)
> Eight LEDs display of tranceiver conditions (see picture below).
> Built-in S-meter and SWR-meter
> PC programming under Windows OS through COM-port or USB.



1-SYNT - yellow flashing LED shows that PLL synthesizer in working condition.
Continues lighting yellow LED shows that PLL synthesizer doesn’t work.
2-TX - red LED lights until transmitter turning ON.
3-RX - green LED lights then transceiver connected to power supply or in recive condition.
Doesn’t lights then transmitter is ON.
4-Pow - red LED lights during transmitting and then RF output power no less than 1.5W.
5 - red LED - 0,5 µV (-6 dB).
6 - yellow LED - 1 µV (0 dB).
7 - green LED - 2 µV (+6dB).
8 - green LED - 4 µV (+12dB).

TECHNICAL SPECIFICATIONS

General	
Frequency range	VHF : 146-174 MHz;
	UHF : 400-440, 430-470 MHz;
Operation	Simplex, semiduplex
Channels	1
Channel bandwidth	12,5 or 25 kHz
Modulation	F3E, F3D
Transmit attack time	< 20ms
Ambient temperature range	- 20°C ... +55°C
Current dray Rx	50 мА
Current dray Tx	1500 мА
Power supply requirements	9,8...13,8 V DC
Maximum transmit time (programmable)	10...100 sec
Dimensions	135x63,5x24 mm
Weight	270 g
Transmitter	
Output power	5 W
Maximum Deviation (depends from channel bandwidth)	2,5kHz or 5kHz
Spurious emission	<0,25 µW
FM noise level	< -45 dB
Audio input signal	<250 mV RMS
Receiver	
Sensitivity	-117 dBm (12 дБ SINAD)
Selectivity	>70 dB
Intermodulation	>70 dB
Audio output signal	>250 mV RMS
Audio distortion	< 2% at 1kHz
Hum noise	< 50 dB

D-type connector specification

Pin number	Assignment
1	Tx audio input
2	
3	Tx enable
4	GND
5	+ 12V DC
6	
7	Programming input
8	Programming output
9	Rx audio output

CB FEATURE TABLE

MODEL LIST UP	TCB-550	TCB-560	TCB-771	TCB-881	TCB-880H	TCB-900	TCB-1100	TX-410	TCB-R2000	REMARK
Multi Band	x	x	x	x	x	x	x	256 Chs.	x	
Output Power	4W	8W/4W	4W	4W	25W/4W	10W/4W	10W/4W	20W	10W/4W	FM
LCD Display	x	x	x	x	x	x	x	x	Separate	
MIC Jack	x	x	x	x	x	x	x	x	x	
Microphone	x	x	x	x	x	x	x	x	x	
Squelch Control	Auto&Manual	DSS&Manual	DSS&Manual	DSS&Manual	Manual	DSS&Manual	DSS&Manual	Manual	DSS&Manual	
On/Off,Volume Control	x	x	x	x	x	x	x	x	x	
Channel 9/19	x	x	x	x	x	x	x	-	x	
AM/FM	x	x	x	x	x	x	x	-	x	
Scan	x	x	x	x	x	x	x	x	x	
Band Selection	x	x	x	x	x	x	x	-	x	
Antenna Jack	x	x	x	x	x	x	x	x	x	
Ext.Audio Jack	x	x	x	x	x	x	x	x	x	
Back Lighting	x	Color Selection	x	x	x	Color Selection	Color Selection	x	Color Selection	
12V/24V	12V	12V/24V	12V-24V	12V-24V	12V	12/24V	12V	12V	12V/24V	
Speaker Location	Down	Down	Down	Down	Down	Front	Front	Down	Front	
Menu Mode	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	x	Up/Down/Lock	-	Up/Down/Lock	
RF Gain Control	-	-	-	-	x	Attenuation	-	-	Attenuation	
MIC Gain Control	-	-	-	-	x	x	-	-	Auto&Manual	
Quick Up/Down	-	-	Rubber Button	Rotary Switch	Rotary Switch	-	Rotary Switch	-	Rotary Switch	
LCR	-	-	x	x	x	-	x	-	-	
S-Meter Jack	-	-	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	-	-	-	-	-	-	-	x	Extra Channels	
Remote Control Unit	-	-	-	-	-	-	-	-	x	
VOX Microphone	-	-	-	-	-	-	-	-	x	
Remote LCD Unit	-	-	-	-	-	-	-	-	x	
Bluetooth Compatible	-	-	-	-	-	x	-	-	-	
NB (Noise Blanker)	-	x	-	-	-	x	-	-	-	

TTI TECH CO ,LTD

TTI MAKES DIFFERENCE BRINGS WORLD TOGETHER

TCB-900

www.ttikorea.co.kr

Accessories for CB Transceivers

Handsfree System / External Speakers/ 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!

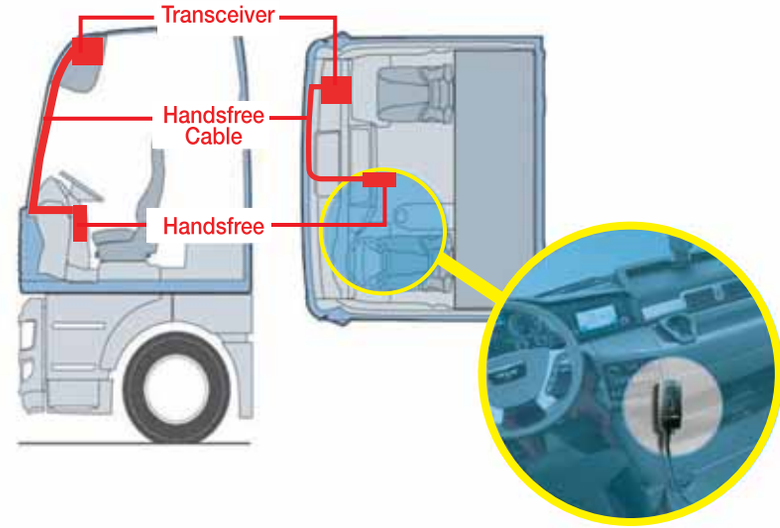
Along with its compact design controlled by the most updated micro-processor technology, THF-100&THF-100P enable you to enjoy easy and comfortable operation.
Drive fun
with TTI Handsfree !

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

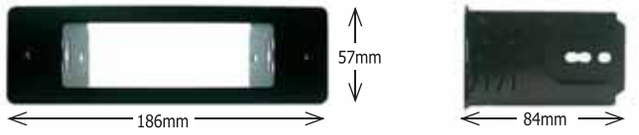
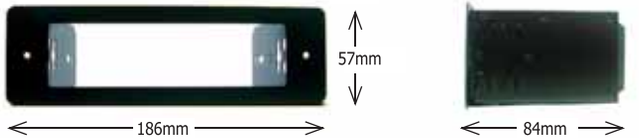
ES-606

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

DIN-PLATES

TTI supplies rigidly designed and endurable DIN-PLATE for TTI trans- ceivers and also for other brands.

DIMENSION

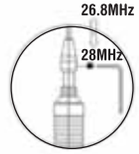
	DIMENSION	CB MODEL
TDP-1000		For TCB-550/560
TDP-2000		For TCB-771
TDP-3000		For TCB-881/880H
TDP-4000		For TCB-1100/R2000
TDP-5000		For TCB-900

CB ANTENNAS

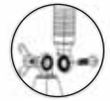
FEATURES

Antenna /CBER-X14S

> Frequency: 26.8-27.6MHz
> SWL : ⩽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



SWR adjusting system


Hole Installation

FEATURES

Antenna /CBER-821S

> Frequency: 26.5-28MHz
> SWL : ⩽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

SWR adjusting system

FEATURES

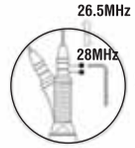
Antenna /CBER-835

> Frequency: 26.5-28MHz
> SWL : ⩽1.2:1
> Max.Power : 35W Continuous
250W Short time
> Impedance : 50ohm
> Whip length : 1200mm
> Adujustment : 0-90°
> Cable Length : RG58/157”
> Polarity : Vertical
> Connector : UHF MALE(PL-259)
> Mounting Hole : Φ12.5mm
> Material : Copper Stainless Steel

FEATURES

Antenna /CBER-145

> Frequency: 26.5-28MHz
> SWL : ⩽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

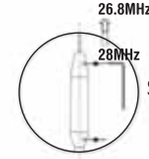


SWR adjusting system

FEATURES

Antenna /CBER-824S

> Frequency: 26.5-28MHz
> SWL : ⩽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

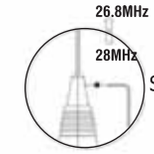


SWR adjusting system

FEATURES

Antenna /CBER-875

> Frequency: 26.8-27.6MHz
> SWL : ⩽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



SWR adjusting system

HANDHELD RADIOS

Consumer Radios & Professional Transceivers

PMR-121TX/ PMR-506TX/ TXL-446PM/ TX-1446P/TX-1447P /
TX-1000U/ TX-2000U / 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

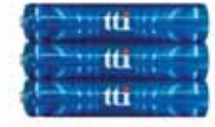
> 8 Channels
> 38 CTCSS
> VOX Mode
> Scan
> Battery Status Indicator
> Call Ringer (3Kinds)
> Roger Beep Tone On/Off
> Button Beep (Keytone) On/Off
> Keypad Lock
> LCD Back Lighting
> Fixed Antenna
> External Speaker, MIC, Chg.Jack
> Desk Top Charger : Dual

Accessories

> Power Adaptor
> TCGA-1001HSM

> Earset
> AES-4211S/P

> Battery (AAA x 3)
> TBP-1006



> Dual Charger Cradle
> TCG-1008

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.

TXL-446PM

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

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 desktop charger.

Flexible Rubber Antenna

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

Accessories

> Power Adaptor
> TCGA-1007SM

> Earset
> AES-4212TTRS

> Charging Cradle
> TCG-1007SQ

> Speaker Microphone
> AMC-3010R

TX-1446P/1447P

PC Programmable & IP54

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

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
> ACG-3312L

> Earset
> AES-4212TTRS

> Speaker Microphone
> AMC-3010R

> Charging Cradle
> TCG-1006SQ

> Battery Pack
> TBP-1107L

TX-1000U

FEATURES

> 433/446MHz Band
(420-450MHz Expandable)
> PC Programmable
> 256 Channels
> 73CTCSS & 208DCS
> 500mW/6W Output Power(UHF Radio)
> 12.5 KHz / 25KHz Step
> Compander
> Scrambler
> Optional Bluetooth Compatible Operation
> Dual Pocket Quick Charger
> Clone Function
> VOX
> IP67 Water Proof
> Heavy Duty Battery Pack(2200mAh)
> ID Writing

Accessories

> Car Adaptor
> ACG-3311D

> Eartset
> AES-4212TTRS

> Speaker Microphone
> AMC-3010R

> Program Cable
> TPC-5000U

> Charging Cradle
> TCG-1010FS

> Battery Pack
> TBP-2007L

> Power Adaptor
> TCGA-1007DC

> Cloning Cable
> TCC-1000

> Bluetooth Headset
> AHS-1000

IP55 Dust & Water-Proof

TX-1000U is a simplified version of TX-2000U 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 5tone (or 2tone) that asks cost increase.

IP55 Dust & Water-Proof Level

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

Bluetooth Compatible Operation(Optional)

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

Scrambler

The imbedded scrambler keeps your privacy 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. 6 watt power extends your communication range over your expectation only in some countries.

Long Battery Life

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

DTMF Tone

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

TX-2000U

IP67 Submersible Unit

TX-2000U is IP67 level certified water-proof and submersible radio in connection with the TTI's proven rugged mechanical techecnology to follow the military standard.

IP67 Submersible

Bluetooth Compatible Operation(Optional)

Perfectly compatible with any of standard market purchasible 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

> UHF(400-470MHz)
> PC Programmable
> 512 Channels
> 52CTCSS & 208DCS
> 5W Output Power(UHF)Radio
> 5 tone and 2 tone
> 12.5KHz / 25KHz Step
> Alpha-numeric Channel Display
> Break-in function
> Compander
> Scrambler
> Optional Bluetooth Compatible Operation
> Dual Pocket Quick Charger
> Clone Function
> Quiet Talk Function
> IP 67 Water Proof Level
> Heavy Duty Battery Pack (2200mAh)

Accessories

> Car Adaptor
> ACG-3311D

> Eartset
> AES-4212TTRS

> Speaker Microphone
> AMC-3010R

> Program Cable
> TPC-5000U

> Charging Cradle
> TCG-1020FD

> Battery Pack
> TBP-2007L

> Power Adaptor
> TCGA-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

FEATURES

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

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 Receviers

TSC-100RA

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

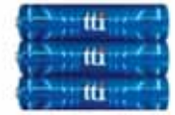
> 66-88MHz, 88-108MHz, 103-136MHz, and 136-174MHz
> Bluetooth Operation (Optional)
> 10 Memory Banks
> 200 Channel Memories
> Various Frequency Steps
> Desktop Charger (Optional)
> Replaceable Antenna
> High Quality Loud Speaker

Accessories

> Antenna
> TAN-1042

> Earphone
> AES-3220

> Battery (AAA x 3)
> TBP-1007



> Wall Charger
> TCGA-1007SMD

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

Accessories

> Power Adaptor
> TCGA-1007SM

> Earset
> AE4212TTRS

> Speaker Microphone
> AMC-3010RS

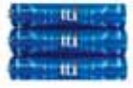
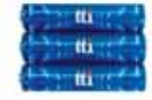
> Charging Cradle
> TCG-1006SQ

> Battery Pack
> TBP-1007L

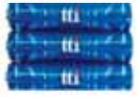
HANDHELD RADIO FEATURE TABLE

Model List Up		PMR-121TX	PMR-506TX	TXL-446PM	TX-1446P TX-1447P	TX-1000U	TX-2000U	WP1/OCTO OCTO Plus	TX-150H
Frequency		446MHz	446MHz	433/446MHz	433/446MHz	433/446MHz/More	400-470MHz/More	472MHz/More	VHF Marine
Channel		8	8	69/8	128	256	512	200/640	44
Output Power		500mW	500mW	500mW	4W/ 500mW	500mW/6W	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	Ni-MH	9	-	15	-	-	-	30	-
(Hours,5:5:90)	Li-ion	-	8	-	16	about 20	33(2600mAh)	-	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	IP67	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	TX-1000U
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-3311D
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 (AAAx3)	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	v
Aqua Pack	AQA-5000	AQA-5000	AQA-5018	AQA-5018	AQA-5018
Cloning Cable	-	-	-	-	TCC-1000
PC Program Cable	-	-	TPC-5000UA	TPC-5000 TPC-4000U	TPC-5000U

ACCESSORIES FOR HANDHELD RADIOS

TX-2000U	WP 1 & OCTO & OCTO PLUS	TSC-100R	TX-150H	
AES-4212TTRS	AES-4213 AMC-3012(M)	AES-3220	AES-4212TTRS	Earset
AMC-3010R	-	-	AMC-3010R	Speaker Microphone
ACG-3311D	-	ACG-3311D	ACG-3312L	Car Adaptor
TCG-1020FD	TSC-OCTO/TRIO (Suitcase Charger)		TCG-1006SQ	Charger Cradle
TCGA-1007DC	TCGA-1001SM4	TCGA-1007SMD	TCGA-1007SM	Power Adaptor
TBP-2607L	TBP-1007H (AA x 3)	 TBP-1007 (AAA x 3)	TBP-1107L	Battery
TAN-1200	-	TAN-1042	TAN-1070	Antenna
TBC-1009	-	TBC-1008	TBC-1006	Belt Clip
ACE-5026	ACE-5015 ACE-5023 ACE-5023P	ACE-5025	ACE-5018W	Carrying Case
AQA-5018	-	AQA-5018	AQA-5018	Aqua Pack
TCC-1000	-	-	-	Cloning Cable
TPC-5000U	TPC-5000U4	-	-	PC Program Cable

TTI TECH CO.,LTD.

HEAD OFFICE >
443-4, Juam-dong, Gwacheon-si,
Gyeonggi-do, KOREA Ⓟ 427-070
Tel. +82 2 574 3055 Fax. +82 2 518 2419
www.ttikorea.co.kr

FACTORY>
TTI TECH (SHENZHEN) CO.,LTD.
Xinming Village Xinxing Road No.2
Changan, Dongguan, CHINA
Tel. +86 769 8155 9524 Fax. +86 769 8554 6620