

# INTEK

*Portable radio transceivers*



## *Brief description*

*There are different types of portable radio transceivers – PMR, CB, Marine VHF. Although they look very similar, their functionality and purpose of use are different. How to choose the right one?*



*Let's take a tour..*

## ***“PMR” radio frequency range***



- *PMR (Personal Mobile Radio) . This radio frequency range is mostly used in the European Union. It includes 8 channels. A license is not required.*
- *Radio waves of this frequency are very penetrating. Therefore, it suits very well for using in the city, where are a lot of obstacles - homes, trees and so on.*
- *The biggest advantage of the PMR - the compactness - equipment that supports this frequency range is small, takes up little space.*
- *PMR radio station is used for trips, work, sports. They are also suitable for camping, entertainment, events.*

**Portable radio transceivers, that supports PMR**



**INTEK "i-Talk T30"**

**INTEK "i-Talk T70 Plus"**

**INTEK "SL-02"**

**INTEK "MT-446EX"**

**INTEK "HT-446S"**

*Here are more details about each.*

## **INTEK “i-Talk T30”**



*Designed for simple use. 8 channels. There is a built-in blue LED flashlight, which can be handy on the road.*

*Functionality:*

*Automatic channel SCAN function;  
Power saving feature.*

***Suitable for:*** children and family during the holidays or for entertainment.

*Kit consists of: two radio transceivers*

## INTEK "i-Talk T70 Plus"

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*Portable 8 channel radio transceiver with a display. Designed for simple use. The power of the transmitter can be adjusted. Dual watch is installed.*

### *Functionality:*

- 38 CTCSS private tones;
- VOX (automatic broadcasting, activated by voice);
- Auto Channel Scan, Auto CTCSS Scan functions
- Power saving mode

***Suitable for:*** events, in nature and so on.

*Kit consists of: 2 two radio transceivers and comfortable ABS Carrying Case; earset-microphones and necklaces.*

**INTEK "SL-02"**



*Slim, (just 14,6mm thick), compact portable 8 channel radio transceiver with LCD backlit display. The surface of a transceiver is coated with rubber, so keeping it in hand is comfortable, it won't slip.*

*Functionality:*

- 38 CTCSS tones
- Channel SCAN function;
- Watch;
- VOX (automatic broadcasting, activated by voice);
- Baby monitor

**Suitable for:** stores, shopping centers, for baby monitoring, sports events, working indoors or outdoors, and so on.

*Kit consists of: 2 two radio transceivers , earsets-microphones.*

## **INTEK "MT-446EX"**



*It is professional, 8 channel portable radio transceiver. The license is not required. The case is made of aluminum, so the product is stronger, it can be used under severe environmental conditions. There is no LCD display. Settings are adjusted by using buttons and control wheels.*

*Functionality:*

- 16 channels (Main - 8);
- The power of the transmitter can be adjusted

*There is an option to install completely separate, unique frequency by computer. In that case, the license from The Communications Regulatory Authority is required.*

***Suitable for:*** working in warehouses, industrial facilities, garages. For professional, frequent use.

*Kit consists of: 1 radio transceiver.*

*Earset-microphone can be connected. It is not included in the kit, must be purchased separately!*



**INTEK "MT-446EX" accessories**



*Microphone KST – 301 – for more comfortable use*



*Earset-microphone KME-801 - for more comfortable use. Well suited for security companies.*



*Earset-microphone KME-100A - for more comfortable use*



*Earset-microphone KME-200A - for more comfortable use*

## INTEK "HT-446S"



*It is professional, 8 channel portable radio transceiver with a LCD display. The license is not required. The case is made of aluminum, so the product is stronger, it can be used under severe environmental conditions.*

### *Functionality:*

- 16 channels (Main - 8);
- VOX (automatic broadcasting, activated by voice);
- SCAN function (channel scanning);
- Adjustable Squelch;
- „SCRAMBLER” - voice coding.

*There is an option to install completely separate, unique frequency by computer. In that case, the license from The Communications Regulatory Authority is required.*

***Suitable for:*** working in warehouses, industrial facilities, garages. For professional, frequent use.

*Kit consists of: 1 radio transceiver.*

***Earset-microphone can be connected. It is not included in the kit, must be purchased separately!***

## INTEK "HT-446S" accessories



*Microphone KST – 301 – for more comfortable use*



*Earset-microphone KME-801 - for more comfortable use. Well suited for security companies.*



*Earset-microphone KME-100A - for more comfortable use*



*Earset-microphone KME-200A - for more comfortable use*

## What are the differences between "446EX" and "446S"?



### **446EX:**

- *No display*
- *The channels are switched by the control wheel*



### **446S:**

- *Has LCD display;*
- *The channels are switched by using buttons and on-screen menu;*
- *Channel number is shown on the LCD screen*
- *Has VOX function (automatic broadcasting, activated by voice);*
- *Has channel SCAN function;*
- *Adjustable Squelch sensitivity*

## **CB radio frequency range**



- *CB (Citizen Band) is a radio frequency range, that includes 40 channels. In some cases, this number may vary. License is not required.*
- *Operating range - 27MHz. 1- 4W transmitter is needed.*
- *CB is the most commonly used by truck and car drivers.*
- *The actual operating distance between the two cars - about 10 km on highway. In the city, this number could fall by up to 3 km.*
- *In order to use CB radio, external antenna is a must. Operating distance is directly dependent on its length.*

## ***CB radio transceiver INTEK H-512***



*It is 40 channel portable CB radio transceiver with LCD display. Because of the specifics of CB radio frequency range, more electricity is consumed. Therefore, it is recommended to use additional power source. In addition, in order to expand operating distance, external antenna is a must.*

*To use this CB radio transceiver in the car, it is recommended to purchase additional adapter. (With 12V power supply and antenna connectors.)*

### *Functionality:*

- *The channels are selected by using buttons;*
- *EU, PL standards can be activated;*
- *Volume control with on / off function;*
- *Manual signal-to-noise regulator( SGUELCH );*
- *Key lock function( LOCK );*

***Suitable for:*** *mounting in car as stationary, as well as in other cases, where there is no need for a large operating range - eg. parking lot.*

*Kit consists of: 1 radio transceiver.*

## *INTEK H-512 accessories*



*Power cable "CAR-520" - the additional power supply from the car's battery + an external antenna can be connected*



*Earset-microphone "EM-9S" - for more comfortable use*

## *Marine VHF radio frequency range*



- *Marine VHF radio operates in 156.0 and 162.025 MHz frequency range, inclusive. It is used for both large and smaller ships, yachts and so on.*
- *It is used for a wide variety of purposes, including summoning rescue services and communicating with harbours, locks, bridges and marinas*
- *Channel 16 (156.8 MHz) in Marine VHF is used for calling another vessels, shore stations and for spreading of an emergency signal.*
- *Transmission power ranges between 1 and 25 watts.*





## ***VHF FM Marine transceiver DOLPHIN***

*It is a small radio transceiver, pocket Size, comfortable to hold in hand. Transmitter power - 5W. Power can be adjusted. Long lasting battery.*

*Functionality:*

- 8 memory channels, that can be programmed*
- Allows to listen to two channels at the same time;*
- VOX (automatic broadcasting, activated by voice);*

***Suitable for:*** *ships, yachts, boats and so on.*  
*Not for use on land.*

*Kit consists of: 1 radio transceiver.*

*In order to use this transceiver, you must have a valid license.*

***DOLPHIN accessories***



*Earset-microphone "EM-9S" -  
for more comfortable use*

**Choose the transceiver, which suits Your needs the best!**

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*PMR radio transceivers are suitable for sports, entertainment, professional use. CB radio transceivers are designed for stationary use inside the car. If you plan to use the radio transceiver at sea, marine VHF radio is the option, that You need to select.*

*Be sure to pay the attention to where a concrete model can be used. Then You will able to select the best option!*

**INTEK**

Radio transceivers

Attractive ratio of  
quality and price.

