



The most compact **ALFA U10** radio is in ultra thin but strong case, despite its small size, provides reliable communication in everyday usage. Portable radios have all the necessary functions and provide reliable communications at an affordable price.

The radio is intuitive to use and its ergonomic design allows you to control the radio station with one hand. A wide range of accessories gives you the opportunity to fully concentrate on job tasks. This radio station is simply indispensable for organizing efficient and well-coordinated work and is aimed at small enterprises: construction and security companies, restaurants, hotels, logistics complexes, supermarkets, as well as for outdoor enthusiasts: hunters, tourists, skiers, cyclists, fishermen, racers.

Main features of radio:

COMPACTNESS AND INVISIBILITY

The compact dimensions of the ALFA V2/U2 provide the convenience and invisibility of using radios in ordinary business operations. Radio is ultra thin – 14 mm and has weight of 80 grams.

SIMPLICITY AND REALIBILITY

The easy-to-use and reliable ALFA U10 radio allows you to always stay in touch with your colleagues. The side channel switch, power button, two PTT buttons and the top volume control can be controlled with one hand.

NO MISSED CALLS

The modes of scanning and priority scanning allows to tune the radio station, so as to immediately switch to desired channel, skipping the rest.

CHANNEL ANNOUNCEMENT

While switching channels, the radio will announce the selected channel by voice. You can switch channels without looking at the device, which will also increase your productivity

VOX FUNCTIONALITY

The built-in function to activate the transmission allows you to constantly stay in touch. Now you can focus on customers, not on devices.

SIMPLE CHANNEL PROGRAMMING

Using a program cable and specialized software, you can configure it to work with commercial organizations in accordance with the permission for the allocated frequency.

SIMPLE LITHIUM ION BATTERIES

Having 12 of operational usage after radio being charger, you and your colleagues can do your duties calmly and safely during the whole shift.

microUSB SLOT

Efficient charging and easy programming.





Functionality

- UHF 400-470 MHz
- CTCSS 50 /DCS 105
- High / Low power Switchable
- DTMF Encode/Decode
- Scan
- Frequency Reverse/Offset
- Squelch level
- Programming Encryption
- Busy Channel Lock Out
- 2 PTT Buttons
- Tail Elimination
- VOX
- Battery saving mode
- Clonning of radio settings
- CPS (Program software)

Technical specification ALFA U10 radio

General Specifications	ALFA U10
Frequency range	400-470 MHz
Channels	16
Channel Spacing	12.5/25 kHz
Operating Voltage	3.7 V DC
Operating Temperature	-20° C...+60° C
Operating Storage	-40° C...+85° C
Frequency deviation	±5 ppm
Antenna impedance	50 Om
Dimensions	130 (H with antenna) *52 (W) *14 (D) mm
Weight	80 gr
Battery Type	1000 mAh Li-Ion
Battery Lifespan (5/5/90)	12 Hours
Transmitter	
Output power	2 Watts
Modulation	16K0F3E, 11K0F3E
Spurious and Harmonics	≤-65 dB
FM Noise	≤ -45 dB
Receiver	
Sensitivity 12dBm SINAD	-0.20uV/-121dBm(24 dB SINAD)@25KHZ
Selectivity	-50dB @ 12.5 kHz /55 dB @ 20/25 kHz
Intermodulation	≤-55 dB
Block	≥85 dB
Rated Output Power	0.33-0.37 Watts