



ALFA two way radios



The **ALFA V2/U2** two-way radio is a cost-effective solution designed for new users and those who have already gained some experience. Portable radios have all the necessary functions and provide reliable communications at an affordable price.

ALFA V2/U2 is compact and light weight radio, easy to carry and does not distract with the performance of the main work. The radio is intuitive to use and reliable in operation, so you will always be in touch with your team. This radio station is aimed to 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 radio stations in ordinary business operations.

SIMPLICITY AND REALIBILITY

Easy-to-use and reliable, the ALFA V2/U2 allows you to always stay in touch with your colleagues.

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.

LOUD AND CLEAR VOICE AND SOUND

You can hear important messages in high noise environments thanks to 1 Watt speaker.

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.

MODERN 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.

2-PIN CONNECTOR FOR ACCESSORIES

2-PIN connector allows you to connect the standard acoustic accessories without requiring additional forces.





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Functionality

- VHF 136-174 MHz / UHF 400-470 MHz
- CTCSS 50 /DCS 105
- High / Low power Switchable
- DTMF Encode/Decode
- Scan
- Frequency Reverse/Offset
- Emergency Call
- Programming Encryption
- Busy Channel Lock Out
- Voice Report (English)
- Tail Elimination
- VOX
- Battery saving mode
- Clonning of radio settings
- CPS (Program software)
- Dust and Water protection IP54

Technical specification ALFA V2/U2 radio

General Specifications	ALFA V2/U2
Frequency range	136-174 MHz (V2) / 400-470 MHz (U2)
Channels	16
Channel Spacing	12.5/25 KHz
Operating Voltage	7.4 V
Operating Temperature	-30° C...+60° C
Frequency deviation	±2.5 ppm
Antenna impedance	50 Om
Dimensions	112.5 (H) *59 (W)*37 (D) mm
Weight	230 r
Battery Type	1600 mAh Li-Ion
Battery Lifespan (5/5/90)	12 Hours
Transmitter	
Output power	5/2 Watts
Modulation	16K0F3E, 11K0F3E
Spurious and Harmonics	≤-65 dB
FM Noise	≤ -45 dB
Receiver	
Sensivity 12dmM SINAD	≤-123dBm @ 25K
Selectivity	-65 dB
Intermodulation	≤-60 dB
Block	≥84 dB
Rated Output Power	<u>1000 mWatts @16Ω</u> (≤5%)