

**14.-DCS TABLE:**

| Nº | Code  | Nº | Code  | Nº | Code  | Nº | Code  | Nº  | Code  |
|----|-------|----|-------|----|-------|----|-------|-----|-------|
| 1  | D023N | 22 | D131N | 43 | D251N | 64 | D371N | 85  | D532N |
| 2  | D025N | 23 | D132N | 44 | D252N | 65 | D411N | 86  | D546N |
| 3  | D026N | 24 | D134N | 45 | D255N | 66 | D412N | 87  | D565N |
| 4  | D031N | 25 | D143N | 46 | D261N | 67 | D413N | 88  | D606N |
| 5  | D032N | 26 | D145N | 47 | D263N | 68 | D423N | 89  | D612N |
| 6  | D036N | 27 | D152N | 48 | D265N | 69 | D431N | 90  | D624N |
| 7  | D043N | 28 | D155N | 49 | D266N | 70 | D432N | 91  | D627N |
| 8  | D047N | 29 | D156N | 50 | D271N | 71 | D445N | 92  | D631N |
| 9  | D051N | 30 | D162N | 51 | D274N | 72 | D446N | 93  | D632N |
| 10 | D053N | 31 | D165N | 52 | D306N | 73 | D452N | 94  | D645N |
| 11 | D054N | 32 | D172N | 53 | D311N | 74 | D454N | 95  | D654N |
| 12 | D065N | 33 | D174N | 54 | D315N | 75 | D455N | 96  | D662N |
| 13 | D071N | 34 | D205N | 55 | D325N | 76 | D462N | 97  | D664N |
| 14 | D072N | 35 | D212N | 56 | D331N | 77 | D464N | 98  | D703N |
| 15 | D073N | 36 | D223N | 57 | D332N | 78 | D465N | 99  | D712N |
| 16 | D074N | 37 | D225N | 58 | D343N | 79 | D466N | 100 | D723N |
| 17 | D114N | 38 | D226N | 59 | D346N | 80 | D503N | 101 | D731N |
| 18 | D115N | 39 | D243N | 60 | D351N | 81 | D506N | 102 | D732N |
| 19 | D116N | 40 | D244N | 61 | D356N | 82 | D516N | 103 | D734N |
| 20 | D122N | 41 | D245N | 62 | D364N | 83 | D523N | 104 | D743N |
| 21 | D125N | 42 | D246N | 63 | D365N | 84 | D526N | 105 | D754N |

**15.-TECHNICAL SPECIFICATION:**

**15.1.-GENERAL:**

|                             |   |
|-----------------------------|---|
| Frequency range             | 65MHz-108MHz(Only commercial FM radio reception)<br>VHF:136MHz-174MHz (Rx/Tx).UHF:400MHz-480MHz (Rx/Tx) |
| Memory channels             | Up to 128 channels  |
| Frequency stability         | 2.5ppm  |
| Frequency step              | 12.5kHz   |
| Antenna impedance           | 50 Ω  |
| Operating temperature       | -20 °C to +60 °C  |
| Supply voltage              | Rechargeable Lithium-Ion mAh 7.4V/1800  |
| Consumption in standby      | ≤75mA   |
| Consumption in reception    | 380mA   |
| Consumption in transmission | ≤1.4 A  |
| Mode of operation           | Simplex or semi-duplex  |
| Duty cycle                  | 03/03/54 min. (Rx / Tx / Standby)   |
| Dimensions                  | 58mm x 110mm x 32mm   |
| Weight                      | 130 g (approximate)   |

**15.2. - TRANSMITTER:**

|                    |                             |
|--------------------|-----------------------------|
| RF power           | 2W                          |
| Type of modulation | FM                          |
| Maximum deviation  | ≤ ± 5 kHz/≤ ± 2.5 kHz (W/N) |
| Spurious emissions | <-60 dB                     |

**15.3. - RECEIVER:**

|                              |                         |
|------------------------------|-------------------------|
| Receiver sensitivity         | 0.2 μ V(at 12 dB SINAD) |
| Intermodulation              | 60 dB                   |
| Audio output                 | 1000mW                  |
| Adjacent channel selectivity | 65/60dB                 |

**Note:**

- All specifications shown are subject to change without notice.

**16.-TROUBLESHOOTING:**

| Problem  | Possible cause / solution   |
|--|---|
| The radio does not start.  | The battery is low, replace the battery with a charged battery or proceed to the battery.<br>The battery is not installed correctly, remove the battery and reattach it.  |
| The battery runs down quickly.   | The battery life has come to an end, replace the battery with a new one.<br>The battery is fully charged, make sure the battery is made in full.  |
| The receiving indicator LED lights but do not hear the speaker.  | Make sure the volume setting is too low.<br>Make sure the undertones "CTCSS" or code "DCS" are the same as those programmed in the transceiver of the other members of your group.  |
| When transmitting, the other members of his group do not receive the communication.  | Make sure the undertones "CTCSS" or code "DCS" programmed in your transceiver are the same as those programmed in the transceiver of the other members of your group.<br>Your partner or you, are too far.<br>You or your partner are in a bad area of RF signal propagation. |
| In "standby" mode, the transceiver transmits without pressing the "PTT".   | Check the level adjustment function "VOX" is not set too sensitive.   |
| Receive communications from other user groups while communicating with your group.   | Change frequency or channel.<br>Change the undertones "CTCSS" or code "DCS" in your group.  |
| Communication with other members of your group is poor or low quality.   | You or your partner is too far away or in an area of poor radio signal propagation, such as inside a tunnel, inside an underground car park, in a mountainous area, including large metal structures, etc..   |
| Once these checks, if you still have problems with the transceiver, check with your distributor, dealer or service center. |   |

**17.-WARRANTY: (Better buy the radios from local dealer).**

| WARRANTY CERTIFICATE   |            |                              |
|--|------------|------------------------------|
| Brand:   | Model no.: | Serial no.:                  |
| Name of purchaser:   |            |                              |
| Address:   |            |                              |
| City:  | Zip code:  | Seal and name of the dealer: |
| Province/State:  | Tel no.:   |                              |
| Date of purchase:  |            |                              |
| WARNING: Warranty is valid provided it is complete and properly filled in legibly and clearly present the seal and name of the dealer and have attached the bill proof of purchase of equipment. |            |                              |

The device described in this Certificate is guaranteed for a period of one year from the date of sale to the final user. This Warranty Certificate is unique and not transferable and may not be reissued for new or original or copy. Substitution of product failure or any part thereof shall not involve extension of the guarantee.

The warranty covers the replacement and free replacement of all parts that are defective in materials and components used in manufacturing and / or assembly of the apparatus.

The warranty does not cover any faults caused by accident, improper installation and use, electric shock (eg storms), connect a power other than that specified, reverse polarity in the diet, or claims due to deterioration in the external appearance of normal use, nor the amount or condition of the accessories.

Checking the accessories is the responsibility of the purchaser at the time of purchasing the device.

The warranty does not cover rechargeable batteries even if they are part of the equipment purchased as they are considered consumables, the impairment must be reported within a period of fifteen days from the date of purchase.

The warranty is void on the following assumptions:

1. - Devices that have been manipulated by another or by anyone other than authorized service provider.
2. - Equipment and accessories in which the serial number has been altered, deleted or filed unreadable.
3. - Use of the product than as intended.

To make use of the guarantee is necessary to give the dealer or any of the Authorised Service the defective device with its accessories and the following documentation:

1. - Warranty Certificate duly completed and sealed.
2. - Original invoice which clearly identifies the device and the date of purchase.
3. - Description of the faults.

The warranty terms contained in this Certificate of Guarantee do not exclude, modify or restrict the statutory rights of the buyer by virtue of the laws in force at the time of purchase, but are added to them.

## **DECLARATION OF CONFORMITY**

We, FUJIAN NAN'AN BAOFENG ELECTRONICS CO.,LTD. (Address as Changfu Industrial Zone, Xiamei, Nan'an, Quanzhou, Fujian, China.) hereby declare our product:

**Product Name: Two Way Radio**

**Brand Name: BAOFENG**

**Model Number: UV-5R**

is in compliance with the essential requirements and other relevant provisions of the R&TTE 2006/95/EC, 2004/108/EC and 99/5/EC, and carries the CE mark accordingly.

**Supplementary information:**

**The product complies with the requirements of:**

EN60950-1:2006+A11:2009; EN50332-1:2000  
ETSI EN 301 783-1 V1.3.1 (2008-09); ETSI EN 301 783-2 V1.2.1 (2008-09)  
ETSI EN 301 489-1 V1.8.1 (2008-04); ETSI EN 301 489-5 V1.3.1 (2002-08)

**Date: March 9,2012**

**Signature: WANG SHAO FENG**

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