PREFACE

Thank you for purchasing GT-5 Amateur Portable Radio, which is a dual band/dual display radio. This easy-to-use radio will deliver you secure, instant and reliable communications at peak efficiency. Please read this manual carefully before use. The information presented herein will help you to derive maximum performance from your radio.

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1.- SAFETY INFORMATION:

The following safety precautions shall always be observed during operation, service and repair of this equipment.

- This equipment shall be serviced by qualified technicians only.
- Do not modify the radio for any reason.
- Use only BAOFENG supplied or approved batteries and chargers.
- Do not use any portable radio that has a damaged antenna. If a damaged antenna comes into contact with your skin, a minor burn can result.
- Turn off your radio prior to entering any area with explosive and flammable materials.
- Do not charge your battery in a location with explosive and flammable materials.
- To avoid electromagnetic interference and/or compatibility conflicts, turn off your radio in any area where posted notices instruct you to do so.
- Turn off your radio before boarding an aircraft. Any use of a radio must be in accordance with airline regulations or crew instructions.
- Turn off your radio before entering a blasting area.
- For vehicles with an air bag, do not place a radio in the area over an air bag or in the air bag deployment area.
- Do not expose the radio to direct sunlight over a long time, nor place it close to heating source.
- When transmitting with a portable radio, hold the radio in a vertical position with the microphone 3 to 4 centimeters away from your lips. Keep antenna at least 2.5 centimeters away from your body when transmitting.

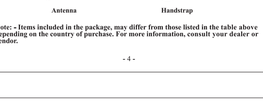
WARNING: If you wear a radio on your body, ensure the radio and its antenna are at least 2.5 centimeters away from your body when transmitting.

2.- FEATURES AND FUNCTIONS:

- Dual-band handheld transceiver with display function menu on the display "LCD".
- Commercial FM radio receiver (65 MHz ~ 108 MHz).
- Frequency Mode/Channel Mode
- DTMF encoder.
- Incorporates 105 codes "DCS" and 50 privacy codes "CTCSS" programmable.
- CTCSS & DCS Scanning
- CTCSS & DCS Direct input
- Function "VOX" (voice operated transmission).
- Alarm function.
- Up to 128 memory channels.
- Broadband (Wide) / Narrowband (Narrow), selectable.
- High power / low (5 W/1 W) selectable.
- Display illumination and programmable keyboard.
- Function "beep" on the keyboard.
- Dual Standby/dual reception .
- Crossband reception/transmission
- Selectable Frequency Step 2.5/5/6.25/10/12.5/20/25 kHz.
- Function "OFFSET" (frequency offset for repeater access).
- Frequency reverse
- Battery saving function "SAVE".
- Timer transmission "TOT" programmable.
- Selecting the Scan Mode.
- Function Busy Channel Lock "BCLO".
- Built-in RX CTCSS/DCS scan
- Built-in LED flashlight.
- Programmable by PC.
- Level Threshold "Squelch" adjustable from 0 to 9.
- Tone end of transmission
- Built-in key lock

3.- UNPACKING AND CHECKING EQUIPMENTS:

Carefully unpack the transceiver. We recommend that you identify the items listed in the following before discarding the packing material. If any items are missing or have been damaged during shipment, please contact your dealers immediately.



Note: - Items included in the package, may differ from those listed in the table above depending on the country of purchase. For more information, consult your dealer or vendor.

4.- OPTIONAL ACCESSORIES:

Note: - Consult the dealer or retailer for information about options available.

5.- INSTALLATION OF ACCESSORIES:

5.1.- INSTALLING THE ANTENNA:

Install the antenna as shown in the figure below and turn it clockwise until it stops.

Note:
- When installing the antenna, don't rotate it by its top, holding it by its base and turn.
- If you use an external antenna, make sure the 'SWR' is about 1.5:1 or less, to avoid damage to the transmitter's final transistors.
- Do not hold the antenna with your hand or wrap the outside of it to avoid bad operation of the transceiver.
- Never transmit without an antenna.

5.2.- INSTALLING THE BELT CLIP:

If necessary, install the belt clip at the rear of the battery compartment cover as shown inthe figure below.

Note: - Do not use any kind of glue to fix the screw on the belt clip. The solvents Glue may damage the battery casing.

5.3.- MICRO-HEADSET INSTALLATION OF EXTERNAL:

Plug the external micro-headset connector into the jack of 'SP. & MIC' of the transceiver as shown in the figure below.

5.4.- BATTERY INSTALLATION:

- When attaching the battery, make sure the battery is in parallel and in good contact with the aluminum chassis. The battery bottom is about 1 to 2 centimeters below the bottom of the radio's body.
- Align the battery with the guide rails on the aluminum chassis and slide it upwards until a 'click' is heard.
- The battery latch at the bottom locks the battery.
- Turn off the radio before removing the battery.
- Slide the battery latch, at the bottom of the radio's body, in the direction indicated by the arrow.
- Slide down the battery for about 1 to 2 centimeters, and then remove the battery from the radio's body.

6.- BATTERY CHARGING:

Use only the charger specified by the manufacturer. The charger's LED indicates the charging progress.

CHARGING STATUS	LED INDICATION
Standby (no-load)	Red LED flashes,while Green LED glows
Charging	Red LED solidly glows
Fully Charged	Green LED solidly glows
Error	Red LED flashes,while Green LED glows

Please follow these steps:

1. Plug the power cord into the adapter.
2. Plug the AC connector of the adapter into the AC outlet socket.
3. Plug the DC connector of the adapter into the DC socket on the back of the charger.
4. Place the radio with the battery attached, or the battery alone, in the charger.
5. Make sure the battery is in good contact with the charging terminals. The charging process initiates when the red LED lights.
6. The green LED lights about 4 hours later indicating the battery is fully charged. Then remove the radio with the battery attached or the battery alone from the charger.

7.- BATTERY INFORMATION:

7.1.- INITIAL USE:

New batteries are shipped uncharged fully from the factory. Charge a new battery for 5 hours before initial use. The maximum battery capacity and performance is achieved after three full charge/discharge cycles. If you notice the battery power runs low, please recharge the battery.

WARNING:
- To reduce the risk of injury, charge only the battery specified by the manufacturer. Other batteries may burst, causing bodily injury andproperty damage.
- To avoid risk of personal injury, do not dispose of batteries in a fire!
- Dispose of batteries according to local regulations (e.g. recycling). Do not dispose as household waste.
- Never attempt to disassemble the battery.

7.2.- BATTERY TIPS:

1. When charging your battery, keep it at a temperature among 5 C - 40 C. Temperature out of the limit may cause battery leakage or damage.
2. When charging a battery attached to a radio, turn the radio off to ensure a full charge.
3. Do not cut off the power supply or remove the battery when charging a battery.
4. Never charge a battery that is wet. Please dry it with a soft cloth prior to charge.
5. The battery will eventually wear out. When the operating time (talk-time and standby time) is noticeably shorter than normal performance, it is time to buy a new battery.

7.3.- PROLONG BATTERY LIFE:

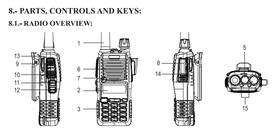
1. Battery performance will be greatly decreased at a temperature below 0 C . A spare battery is necessary in cold weather. The cold battery unable to work in this situation may work under room temperature, so keep it for later use.
2. The dust on the battery contact may cause the battery cannot work or charge. Please use a clean dry cloth to wipe it before attaching the battery to the radio.

7.4.- BATTERY STORAGE:

1. Fully charge a battery before you store it for a long time, to avoid battery damage due to over-discharge.
2. Recharge a battery after several months' storage (Li-Ion batteries: 6 months), to avoid battery capacity reduction due to over-discharge.
3. Store your battery in a cool and dry place under room temperature, to reduce self-discharge.

8.- PARTS, CONTROLS AND KEYS:

8.1.- RADIO OVERVIEW:



1. Antenna
2. LCD
3. Keypad
4. Knob (ON/OFF, volume)
5.Flashlight
6.Speaker
7. Microphone
8.Battery latch
9.PTT-A
10.PTT-B
11. SK-side key1/F
12. SK-side key2/M
13. Strap buckle
14. Accessory jack
15. LED indicator

8.2.- COMMAND/KEY DEFINITION:

- 【PTT-A】 :
Use for the Transmission of specified channel while dual standby is activated on. (If the dual standby is not activated on, it is not valid)

- 【PTT-B】 :
Use for the Transmission of more specified channels which selected by pressing UP or DOWN key while standby.

- SK-SIDE KEY1/【F】 :
Press the【F】button, to activate the FM Radio on; Press it again to deactivate the FM Radio. Press and hold on the【F】button, to activate the alarm function; Press and hold it again, to deactivate the alarm function.

- SK-SIDE KEY2/【M】 :
Press the【M】button, to turn on the flashlight; Press it again to turn off. Press and hold on the【M】button, to monitor the signal.

- COPYING
Connecting the two radios with special data cable, press and hold SK-SIDE KEY2:【M】(or numerical key 2 or 3), then power on, you will see 'COPYING' on the LCD, that means data is being copied from one radio to another.

FUNCTION KEYPAD:

- 【MENU】key:
To enter the menu of the radio and confirm the setting.
Press and hold【MENU】button, then power on, to switch the frequency mode and channel mode.

- 【▲】【▼】key:
Press and hold【▲】or【▼】key for frequency up or down fast.
Press【▲】or【▼】key, the scanning will be opposite.

- 【EXIT/AB】key:
To cancel /clear or exit.
While standby, press【EXIT/AB】key to switch between Channel A and Channel B.
Under FM radio mode, press【EXIT/AB】key to switch the FM radio band 65-75MHz/ 76-108MHz.

- NUMERIC KEYPAD:
Used to enter information for programming the radio's lists and the non-standard CTCSS Under transmission mode, press the numeric key to send the signal code(the code should be set by PC software).

- ACCESSORY JACK:
The jack is used to connect audio accessories, or other accessories such as programming cable.

9.- 'LCD' DISPLAY:

The display icons appear when certain operations or specific features are activated.

Icon	Description
	Operating channel.
CT	'CTCSS' activated.
DCS	'DCS' activated.
+	Frequency Shift +
−	Frequency Shift −
+−	Frequency offset direction for accessing repeaters.
S	Dual Watch/Dual Reception functions activated.
VOX	Function 'VOX' enabled.
R	Reverse function activated.
N	Wide Band selected.
	Battery Level indicator
	Keypad lock function activated.
L	Low transmit power.
▲▼	Operation frequency.
	Signal Strength Level.

10.- 1750 Hz TONE FOR ACCESS TO REPEATERS:

The user needs to establish long distance communications through an amateur radio repeater which is activated after receiving a 1750 Hz tone. Press and hold the【PTT】then press the【M】button to transmit a 1750Hz tone.

11.- BASIC OPERATION:

11.1.-RADIO ON-OFF/VOLUME CONTROL :

- Make sure the antenna and battery are installed correctly and the battery charged.
- Rotate the knob clockwise to turn the radio on, and rotate the knob further counter-clockwise until a 'click' is heard to turn the radio off. Turn the knob clockwise to increase the volume, or counter-clockwise to decrease the volume.

11.2.- SELECTING A FREQUENCY OR CHANNEL:

- Press the key【▲】or【▼】to select the desired frequency/channel you want. The display shows the frequency / channel selected.
- Press and hold down the key【▲】or【▼】for frequency up or down fast.

Note: - You can not select a channel if not previously stored.

12.- ADVANCED OPERATION:

You can program your transceiver operating in the setup menu to suit your needs or preferences.

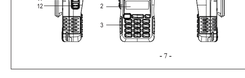
12.1.- SET MENU DESCRIPTION:

Menu	Function/Description	Available settings
0	SQL (Squelch level)	0-9
1	STEP(Frequency Scan)	2.5/5/6.25/10/12.5/25kHz
2	TXP(Transmit power)	HIGH/LOW
3	SAVE(Battery save,1:1/1:2/1:3/1:4)	OFF/1:2/3/4
4	VOX(Voice operated transmission)	OFF/0-10
5	W/N(Wideband/narrowband)	WIDE/NARR
6	ABR(Display illumination)	OFF/1/2/3/4/5s
7	TDR(Dual watch/dual reception)	OFF/ON
8	BEEP(Keypad beep)	OFF/ON
9	TOT(Transmission timer)	15/30/45/60...585/600seconds
10	R-DCS(Reception digital coded squelch)	OFF/D023N...D754I
11	R-CTS(Reception Continuous Tone Coded Squelch)	67.0Hz...254.1Hz
12	T-DCS(Transmission digital coded squelch)	OFF/D023N...D754I
13	T-CTS(Transmission Continuous Tone Coded Squelch)	67.0Hz...254.1Hz
14	VOICE(Voice prompt)	OFF/ON
15	ANI(Automatic number identification of the radio,only can be set by PC software.)	FREQ/CH/NAME
16	DTMFST(The DTMF tone of transmitting code.)	OFF/D1-ST/ANI-ST/DT+ANI
17	S-CODE(Signal code, only could be set by PC software.)	1,...15 groups
18	SC-REV(Scan resume method)	TO/CO/SE
19	PTT-ID(Press and release PTT to transmit the signal code)	OFF/BOT/EOT/BOTH
20	PTT-LT(Prolongs the send time of the signal code)	0,...30ms
21	MDF-A(Display channel name, or frequency, or channel number)	FREQ/CH/NAME
22	MDF-B(Display channel name, or frequency, or channel number)	FREQ/CH/NAME
23	BCL(Busy channel lockout)	OFF/ON
24	AUTOL(Keypad locked automatically)	OFF/ON
25	SFT-D(direction of frequency shift)	OFF/-/+
26	OFFSET(frequency shift)	00.000...69.990
27	MEMCH(Stored in memory channels)	000,...127
28	DELCH(delete the memory channels)	000,...127
29	WT-LED(illumination display color of standby)	OFF/BLUE/ORANGE/PURPLE
30	RX-LED(illumination display color of reception)	OFF/BLUE/ORANGE/PURPLE
31	TX-LED(illumination display color of transmitting)	OFF/BLUE/ORANGE/PURPLE
32	AL-MOD(Alarm mode)	SITE/TONE/CODE
33	BAND(Band selection)	VHF/UHF
34	TX-AB(transmitting selection while in dual watch/ reception)	OFF/A/B
35	STE(Tail Tone Elimination)	OFF/ON
36	RP_STE (Tail tone elimination in communication through repeater)	OFF/1,2,3...10
37	RPT_RL(Delay the tail tone of repeater)	OFF/1,2,3...10
38	PONMG(Boot display)	FULL/MGS
39	ROGER(tone end of transmission)	ON/OFF
40	A/B-BP(Tone end of reception)	OFF/A/B
41	RESET (Restore to default setting)	VFO/ALL

12.2.- SHORTCUT MENU OPERATION

1.- Press the key MENU,then press the key ▲ or ▼ to select the desired menu.
2.- Press the key MENU again, come to the parameter setting.
3.- Press the key ▲ or ▼ to select the desired parameter.

4.- Press the key MENU to confirm and save, press the key EXIT to cancel setting or clear the input.



- Note: Under channel mode,the following menu settings are invalid: CTCSS, DCS, W/N, PTT-ID, BCL, SCAN ADD TO, S-CODE, CHANNEL NAME. Only the H/L power could be changed in channel mode.

12.3.-"SQL" (SQUELCH)

The squelch mute the speaker of the transceiver in the absence of reception. With the squelch level correctly set, you will hear sound only while actually receiving signals and significantly reduces battery current consumption. It is recommended that you set Level 5.

12.4.- FUNCTION "VOX" (VOICE OPERATED TRANSMISSION):

This function is not necessary to push the [PTT] on the transceiver for a transmission. Transmission is activated automatically by detecting the radio voice. When finish speaking, the transmission automatically terminated and the transceiver will automatically receive signal. Be sure to adjust the VOX Gain level to an appropriate sensitivity to allow smooth transmission.

12.5.- SELECT WIDEBAND OR NARROW BAND "W/N":

In areas where the RF signals are saturated, you must use the narrow band of transmission to avoid interference in adjacent channels.

12.6.- TDR (DUAL WATCH/DUAL RECEPTION):

This feature allows you to operate between frequency A and frequency B. Periodically, the transceiver checks whether a signal is received on another frequency that we have scheduled. If you receive a signal, the unit will remain in the frequency until the received signal disappears.

12.7.- TOT(TRANSMISSION TIMER):

This function can automatically control the time we transmit each time you press [PTT] on the transceiver. This function is very useful to avoid overheating excessive power transistors of the transceiver. The transceiver will be off transmission automatically once set time.

12.8.- CTCSS/DCS:

In some cases only want to establish communications in a closed user group at a particular frequency or channel, for it will use "CTCSS" or code "DCS" for reception.
The "squelch" opens only when receiving a frequency with "CTCSS" or codes "DCS" same as the programmed in your transceiver, the "squelch" will not open and the received signal can be heard.

Note:
- The use of "CTCSS" or "DCS" in a communication, does not guarantee complete confidentiality communication.

12.9.- ANI

- ANI (Automatic Number Identification) is also known as PTT ID because an ID is transmitted when the PTT button of the radio is pressed and/or released. This ID tells the dispatcher which field radio was keyed. Only could be set by PC software.

12.10.- DTMFST (DTMF TONE OF TRANSMITTING CODE):

First you should set the PTT-ID as BOT/EOT/BOTH
- "OFF": Under transmitting mode, you can't hear the DTMF tone, while you press the key to transmit the code or code automatically transmitted.
- "D1-ST": Under transmitting mode, you can hear the DTMF tone, while you press the key to transmit the code.
- "ANI-ST": under transmitting mode, you can hear the DTMF tone, while the code automatically transmitted.
- "DT-ANI": under transmitting mode, you can hear the DTMF tone, while you press the key to transmit the code or the code automatically transmitted.

12.11.- SC-REV(SCAN RESUME METHOD):

This transceiver allows you to scan memory channels, all the bands or part of the bands. When the transceiver detects a communication, the scan will stop automatically.

Notes:
- "TO" (Time Operation):
Scanning will stop when it detects an active signal. The scanning will stop on each channel or active frequency for a predetermined time, after that time the scan will resume automatically.
- "CO" (Carrier Operation):
The scanning will stop and remain in the frequency or channel, until the active signal disappears.
- "SE"(Search Operation):
The scanning will stop and remain in the frequency or channel after it detects an active signal.

12.12.- PTT-ID(PTT OR RELEASE PTT TO TRANSMIT THE SIGNAL CODE):

This feature allows you to know who call you.
- "OFF"—Don't transmit the code while push the PTT button.
- "BOT"-Transmit the code while push the PTT button.
(the code only could be set by PC software.)
- "EOT"-Transmit the code while release the PTT button.
- "BOTH"-Transmit the code while push or release the PTT button.

12.13.- BCL(BUSY CHANNEL LOCKOUT):

The BCLO feature prevents the radio's transmitter from being activated if a signal strong enough to break through the "noise" squelch is present. On a frequency where stations using different CTCSS or DCS codes may be active, BCLO prevents you from disrupting their communications accidentally (because your radio may be muted by its own tone decoder).

12.14.- SFT-D(DIRECTION OF FREQUENCY SHIFT):

The "OFFSET" is the difference or offset between the reception frequency and the frequency of transmission for access to amateur radio repeaters. Set the "OFFSET" according to the "OFFSET" amateur radio repeater through which want to communicate.

12.15.- OFFSET(FREQUENCY SHIFT):

When communicating via a repeater, the direction of displacement of frequency should be timed to the displacement of the transmission frequency is higher or lower than the receiving frequency.

example:

If we want to make a communication through amateur radio repeater whose frequency input is 145,000 MHz and 145,600 MHz is output, we select the "OFFSET" of the previous section in 0600 and the direction of travel "SHIFT" programmed to [-], so the transceiver will always 145,600 MHz in frequency and when you press [PTT] to transmit transceiver, the frequency will automatically move to 145,000 MHz.

Note: Under VFO mode, you can do like this. If you need the TX and RX frequency different under Channel mode, you can directly store different RX and TX frequency into one channel through MENU 27.

12.16.- STE (TAIL TONE ELIMATION):

This function is used to activate or deactivate the transmission end of the transceiver. this final tone transmission only be used in communications between transceivers and not in communications through a repeater, which must be deactivated.

12.17.- THE INSTRUCTIONS TO SAVE CHANNEL:

A complete memory channel includes RX frequency, TX frequency, CTCSS, DCS, RF Power, Bandwidth, PTT-ID, BCL, ANI, Scan add to, Channel Name, etc. Except for the setting of Scan add to and Channel Name, other settings could be finished by keypad under VFO mode.

Example: We want programming all the data into CH106, please do as following:

1. We have to check whether there are any data in CH106 or not. Come to MENU 28, if there is a 'CH' before '106', that means there are data. So please delete it and you will find there is not a 'CH' before '106', or else you can't have new data in this channel.

RX Frequency	440.625MHz
TX Frequency	430.625MHz
RX CTCSS	100.0Hz
TX DCS	250.3Hz
RF Power	High
Bandwidth	Wide
PTT - ID	OFF

2. Press and hold【MENU】key, then power on, come to VFO mode. Press【EXIT/AB】key to select frequency A (UP).
3. Enter 440.625MHz.
4. Now through the MENU, you can set other parameters. CTCSS,DCS, RF Power, Bandwidth, etc.
5. After you finish all the other settings, press【MENU】key, then come to MENU 27, press【MENU】key two times, you will know all the data have been stored into CH106, however now only RX frequency was stored. At the same time, you press【MENU】key another two times, you will store the TX frequency, of course the TX and RX frequency are same.

Note: If you want the TX frequency 430.625 stored into CH106, you should do the same steps after you store the RX frequency into CH106.

12.18.- CTCSS/DCS SCANNING

Before setting the CTCSS/DCS scanning, you should have a RX frequency and cancel the Dual Standby function, ensure the radio is working under VFO mode.
Come to MENU 11, press【MENU】one time, then press [*/SCAN] key, at the same time, you should press the PTT of another radio, then you will see the CTCSS scanning automatically. When the scanning stops, that means you find the same CTCSS as that of another radio, now press【MENU】to store the CTCSS.

12.19.- REPEATER TAIL TONE

We all know that repeaters receive on one frequency and simultaneously retransmit that same information on a different frequency. We hear the courtesy tone almost every time we use the repeater. It's that innocuous beep that lets us know that the repeater is alive and, most importantly, that it has heard us. The MENU 35, 36,37 are very helpful settings while your radio work through repeater. MENU 35 and MENU 36 better be set OFF. The parameter of MENU 37 is from 1-10, better set 5.

13.- CTCSS TABLE:

Nº	Tone(Hz)	Nº	Tone(Hz)	Nº	Tone(Hz)	Nº	Tone(Hz)	Nº	Tone(Hz)
1	67.0	11	94.8	21	131.8	31	171.3	41	203.5
2	69.3	12	97.4	22	136.5	32	173.8	42	206.5
3	71.9	13	100.0	23	141.3	33	177.3	43	210.7
4	74.4	14	103.5	24	146.2	34	179.9	44	218.1
5	77.0	15	107.2	25	151.4	35	183.5	45	225.7
6	79.7	16	110.9	26	156.7	36	186.2	46	229.1
7	82.5	17	114.8	27	159.8	37	189.9	47	233.6
8	85.4	18	118.8	28	162.2	38	192.8	48	241.8
9	88.5	19	123.0	29	165.5	39	196.6	49	250.3
10	91.5	20	127.3	30	167.9	40	199.5	50	254.1

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	D073N	35	D223N	56	D331N	77	D464N	98	D703N
15	D074N	36	D225N	57	D332N	78	D465N	99	D712N
16	D114N	37	D226N	58	D343N	79	D466N	100	D723N
17	D115N	38	D243N	59	D346N	80	D503N	101	D731N
18	D116N	39	D244N	60	D351N	81	D506N	102	D732N
19	D118N	40	D246N	61	D356N	82	D516N	103	D734N
20	D122N	41	D247N	62	D364N	83	D523N	104	D743N
21	D125N	42	D251N	63	D365N	84	D526N	105	D754N

Spurious emissions: <-60 dB.

15.3.- RECEIVER:

Receiver sensitivity: 0.2 µV(at 12 dB SINAD).
Intermodulation: 60 dB.
Audio output: 1W.
Spurious Radiation: ≤-65dB

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.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.The battery is fully charged, make sure the battery is made its full.
The receiving indicator LED lights but do not hear the speaker.	Make sure the volume setting is too low. 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.Your partner or you, are too far.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. 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).

The device described in this Certificate is guaranteed for a period of TWO YEARS 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.

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.

VORWORT

Vielen dank, dass Sie sich für den Kauf des GT-5 Handfunkgerätes entschieden haben-ein tragbares Gerät, welches mit Dual-Band Technologie und Display ausgestattet ist. Dieses einfach zu benutzende Produkt garantiert sichere und zuverlässige Kommunikation bei maximaler Effizienz.
Lesen Sie diese Anleitung sorgfältig durch, bevor Sie es benutzen. Die Informationen in diesem Dokument werden Ihnen helfen, größtmögliche Leistung mit dem Gerät zu erzielen.

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