Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ICOM IC-F27SR. You'll find the answers to all your questions on the ICOM IC-F27SR in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual ICOM IC-F27SR
User guide ICOM IC-F27SR
Operating instructions ICOM IC-F27SR
Instructions for use ICOM IC-F27SR
Instruction manual ICOM IC-F27SR

You're reading an excerpt. Click here to read official ICOM IC-F27SR user guide
http://yourpdfguides.com/dref/5902828

Manual abstract:

EXPLICIT DEFINITIONS WORD RDANGER! RWARNING! @@Personal injury, fire hazard or electric shock may occur. Equipment damage may occur. If disregarded, inconvenience only. No risk of personal injury, fire or electric shock. Icom, Icom Inc. @@NEVER short the terminals of the battery pack. R DANGER! Use and charge only specified Icom battery packs with Icom radios or Icom chargers. Only Icom battery packs are tested and approved for use with Icom radios or charged with Icom chargers. Using third-party or counterfeit battery packs or chargers may cause smoke, fire, or cause the battery to burst. R WARNING! NEVER hold the transceiver so that the antenna is very close to, or touching exposed parts of the body, especially the face or eyes, while transmitting.

@@R WARNING! @@Hearing experts advise against continuous high volume operation. @@NEVER operate the transceiver while driving a vehicle. @@other than the specified battery pack/case. Such a connection will ruin the transceiver. CAUTION: NEVER connect the transceiver to a power source CAUTION: MAKE SURE the battery pack is securely attached to the transceiver, and that the battery pack is dry before attachment.

Exposing the inside of the transceiver to water will result in serious damage to the transceiver. DO NOT push the PTT when not actually desiring to transmit. iii DO NOT use or place the transceiver in direct sunlight or in areas with temperatures below –25°C or above +55°C. The basic operations, transmission and reception of the transceiver, are guaranteed within the specified operating temperature range. DO NOT modify the transceiver.

The transceiver warranty does not cover any problems caused by unauthorized modification. DO NOT use harsh solvents such as benzine or alcohol when cleaning, as they will damage the transceiver surfaces. BE CAREFUL! The transceiver will become hot when operating it continuously for long periods of time. KEEP the transceiver away from heavy rain, and never immerse it in water. The transceiver meets IP54 requirements for dust-protection and splash resistance. However, once the transceiver has been dropped, dust-protection and splash resistance cannot be guaranteed because of possible damage to the transceiver's case or the waterproof seal. * Only when the battery pack/case and jack cover are attached. MAKE SURE to turn the transceiver power OFF before connect ing the supplied/optional equipment. iv TABLE OF CONTENTS FOREWORD..*

.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.i EXPLICIT DEFINITIONS. .....

.....
.....
.....
.....

.....
.....
.....
.....i . COUNTRY CODE LIST....

.....
.....
.....
.....

.....
.....
.....
.....

.. ii PRECAUTIONS. .....
.....
.....
.....

.....
.....
.....
.....

.....

.....
... iii . TABLE OF CONTENTS.
.....

.....
.....
.....
.....

.....
.....
.....
....v . 1 ACCESSORIES. ....

.....
.....
.....
.....

.....
.....
.....
.....

...1–4 . “Supplied accessories.....
.....
.....
.....

.....
.....
.....
.....

.....1 “Accessory attachments. ....
.....
.....
.....

.....
.....
.....
.....

..2 ïïBelt clip.....
.....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.2 ïïBattery pack/case.....

.....
.....
.....
.....

.....
.....
.....

....3 üüJack cover.....

.....
.....
.....
.....

.....
.....
.....
.....

.....4 2 PANEL DESCRIPTION..
.....
.....
.....

.....
.....
.....
.....

.....5–9 “Front, top and side panels. ....
.....
.....
.....

.....
.....
.....
.....5 “Programmable key functions. .

.....
.....
.....
.....

.....
.....
..7 “LED indicator...
.....

.....
.....
.....
.....

.....
.....
.....
.....

9 3 OPERATION. .....
.....
.....
.....

.....
.....
.....
.....

.....10–18 .
“Turning ON the power.....
.....
.....

.....
.....
.....
.....

.....10 ïïBattery type selection..
.....
.....
.....

.....
.....
.....
.....

...10 “Channel selection.....
.....
.....
.....

.....
.....
.....
.....

.....11 “Receiving and transmitting. ..
.....
.....
.....

.....
.....
.....
.....12 ïïPreprogrammed frequency and CTCSS tone list (Default)..13 □ ïïTransmitting notes.

.....
.....
.....
.....

.....
.....
.....
.....14 “Setting the microphone gain.

.....
.....
.....
.....

.....
.....
..15 “Setting the squelch level...
.....

.....
.....
.....
.....

.....
.16 “Priority A channel selection. ...
.....
.....

.....
.....

.....
.....

17 “Auto scan function. .....
.....
.....
.....

.....
.....
.....
.....

...17 “Power save function.....
.....
.....
.....

.....
.....
.....
.....

....18 v 1 4 BATTERY CHARGING. .....
.....
.....
.....

.....
.....
.....
.....19–29 . “Caution (for the BP-264 Ni-MH battery)..

.....
.....
.....
.....19 “Caution (for the BP-265 Li-ion battery).

.....
.....
.....
.....

.21 ïïBattery caution.....
.....
.....
.....

.....
.....
.....
.....

.....21 ïïCharging caution....
.....
.....
.....

.....
.....
.....
.....

.....23 “Battery chargers..
.....
.....
.....

.....
.....
.....
.....

.....
....24 ïïUsing the BC-191 to rapid charge the BP-264.
.....
.....

.24 ïïUsing the BC-192 to regular charge the BP-264.....
.....
25 ïïUsing the BC-193 to rapid charge the BP-265.....
.....

..26 ïï Using the BC-197 to rapid charge the BP-264 or BP-265. .27 . 5 BATTERY CASE.....
.....
.....
.....

.....
.....
.....
.....

.....
....30 "Optional BP-263 battery case.
.....
.....

.....
.....
.....
.....30 6 OPTIONS..

.....
.....
.....
.....

.....
.....
.....
.....

.....
..31–36 . ïïBATTERY PACK/CASE..
.....
.....

.....
.....
.....
.....

.....31 ïïCHARGERS.....
.....
.....
.....

.....
.....
.....
.....

.....

....31 ïïDC POWER CABLES.
.....
.....

.....
.....
.....
.....

.....32 ïïBELT CLIPS..
.....
.....
.....

.....
.....
.....
.....

.....
.....
..32 ïïOTHER OPTIONS...
.....

.....
.....
.....
.....

.....
.....
..33 ‘‘VOX function...
.....

.....
.....
.....
.....

.....
.....
.....
.....34 ïïOptional unit connection.

.....
.....
.....
.....

.....
.....
.....
34 ïïTurning the VOX function ON or OFF.....

.....
.....
.....
.35 ïïSetting the VOX gain.....

.....
.....
.....
.....

.....
.....
..36 7 SPECIFICATIONS...

.....

.....
.....
.....
.....

.....
.....
...37–38 üGeneral. .
.....

.....
.....
.....
.....

.....
.....
.....
.....

....37 üTransmitter. .....
.....
.....
.....

.....
.....
.....
.....

.....
.....
37 üReceiver.....
.....

.....
.....
.....
.....

.....
.....
.....
.....

38 üDimensions. .....
.....
.....
.....

.....
.....
.....
.....

.....
38 8 INDEX. ....
.....
.....

.....
.....
.....
.....

.....
.....
.....
.....39–40 .

vi 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 □□Supplied accessories The following accessories are supplied with the transceiver. Battery pack* Battery charger* AC adapter* 1 ACCESSORIES Belt clip Jack cover (with screws) * Not supplied, or the shape is different, depending on the version. 1 ACCESSORIES 1 1 2 3 4 5 6 7 □□Accessory attachments DD Belt clip To attach the belt clip: □□ □ lide the belt clip in the direction of the arrow until it locks in S place, and makes a 'click' sound. Belt clip Battery pack 8 9 10 11 12 To detach the belt clip: qq □ emove the battery pack from the transceiver, if it is attached. R (p. 3) ww □ ift the tab up (q), and slide the belt clip in the direction of the L arrow (w). q w 13 14 15 16 17 18 19 Tab 20 2 1 ACCESSORIES □□ Supplied accessories (continued) DD Battery pack/case To attach the battery pack/case: qq □ it the battery pack/case in the direction of the arrow, then F close. ww Hook the latch until it makes a 'click' sound. q Battery pack/case w Latch To remove the battery pack/case: Unhook the latch (q), and lift up the battery pack/case in the direction of the arrow (w). w q Be careful! The latch is tightly locked, so use caution when releasing it.
DO NOT use your finger nail. Use the edge of a coin or screwdriver tip to carefully release it. 3 ACCESSORIES 1 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 NEVER remove or attach the battery pack/case when the transceiver is wet or soiled. This may result in water or dust getting into the transceiver, battery pack/case, and may result in them being damaged. NOTE: Keep the battery terminals clean.
It's a good idea to regularly clean them. DD Jack cover Attach the jack cover when optional equipment is not used. To attach the jack cover: qq □ ttach the jack cover to the A [SP MIC] jack. ww Tighten the screws. To detach the jack cover: q □ emove the screws with a R Phillips screwdriver.
w □ etach the jack cover to conD nect optional equipment. w q w q w q 17 18 19 20 4 □□Front, top and side panels 2 PANEL DESCRIPTION q ROTARY Antenna SELECTOR CONTROL w VOLUME e LED INDICATOR u PTT SWITCH y UPPER KEY t LOWER KEY Speaker r SPEAKERMICROPHONE JACK Microphone q ROTARY SELECTOR Rotate to select the preprogrammed memory channels. w VOLUME CONTROL [VOL] Rotate to turn the power ON/OFF, and adjust the audio level. 5 PANEL DESCRIPTION 2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 e LED INDICATOR (p. 9) □□ Lights red* while transmitting. *□ hen the optional battery case is attached, the LED indicator W lights orange. □□ □ ights green while receiving a signal, or when the squelch L is open.

You're reading an excerpt. Click here to read official ICOM IC-F27SR user guide
http://yourpdfguides.com/dref/5902828

r SPEAKER-MICROPHONE JACK [SP MIC] □ Connect the optional speaker-microphone or plug adapter cable. Jack cover NOTE: Attach the jack cover when optional equipment is not used. (p.

4) t LOWER KEY [Lower] y UPPER KEY [Upper] The desired function can be assigned by your dealer. (p. 7) u PTT SWITCH [PTT] Hold down to transmit; release to receive. 6 2 PANEL DESCRIPTION □□Programmable key functions Various functions can be assigned to the [Upper] and [Lower] programmable function keys. If [Upper] or [Lower] is preprogrammed, push to activate whichever function is set. Consult your Icom dealer for details concerning which functions are programmed into the key. SCAN A □□ Push to start or cancel the scanning operation. □□ □ hen the Power ON scan function is turned ON, push to pause W the scanning. The paused scan resumes after the specified time period has passed. SCAN B Push to start or cancel scanning.
If the scan pauses for any reason, except being cancelled by this key, it will resume after a specified time period has passed. PRIORITY A CHANNEL, PRIORITY B CHANNEL Push to select cting methods are available. They may differ, according to your system set up. @@• Push one of memory channel keys, [MR-CH 1] to [MR-CH 4]. @@@@@@NOTE: If the Move to Priority A channel at Power ON function (p.
@@@@@@@Relepper] P squelch level (tight squelch), or [Lower] push [Lower] to decrease the squelch level (loose squelch). • □ he adjustable range is 0 (loose T squelch) to 9 (tight squelch). • □ beep sounds after pushing [Upper] or [Lower]. A □ the level is set on 0 or 9, an error beep sounds after pushing. @@@@@@@@@@@@@@@NEVER short terminals (or charging terminals) of the battery pack.
@@@@may cause shorting. This may damage not only the battery pack, but also the transceiver. R DANGER! NEVER incinerate used battery packs. Internal battery gas may cause an explosion. R DANGER! NEVER immerse the battery pack in water. @@@@@@@@@@@Clean the battery terminals to avoid rust or misscontact. Keep the battery terminals clean. @@Then, fully charge the battery pack again. @@(p. @@@@NEVER use other manufacturers' chargers.

The battery pack contains a rechargeable battery. @@@@@@@@@R DANGER! Use and charge only specified Icom battery packs with Icom radios or Icom chargers. Only Icom battery packs are tested and approved for use with Icom radios or charged with Icom chargers. Using third-party or counterfeit battery packs or chargers may cause smoke, fire, or cause the battery to burst. DD Battery caution R DANGER! DO NOT hammer or otherwise impact the battery. Do not use the battery if it has been severely impacted or dropped, or if the battery has been subjected to heavy pressure. Battery damage may not be visible on the outside of the case. Even if the surface of the battery does not show cracks or any other damage, the cells inside the battery may rupture or catch fire. R DANGER! NEVER use or leave battery packs in areas with temperatures above +60℃. High temperature buildup in the battery, such as could occur near fires or stoves, inside a sun heated car, or in direct sunlight may cause the battery to rupture or catch fire.
Excessive temperatures may also degrade battery performance or shorten battery life. R DANGER! DO NOT expose the battery to rain, snow, seawater, or any other liquids. Do not charge or use a wet battery. If the battery gets wet, be sure to wipe it dry before using. The battery is not waterproof.
21 BATTERY CHARGING 4 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 R DANGER! NEVER incinerate used battery packs, since internal battery gas may cause them to rupture, or may cause an explosion. R DANGER! NEVER solder the battery terminals or NEVER modify the battery pack. This may cause heat generation, and the battery may rupture, emit smoke or catch fire. R DANGER! Use the battery only with the transceiver for which it is specified. Never use a battery with any other equipment, or for any purpose that is not specified in this instruction manual.
R DANGER! If fluid from inside the battery gets in your eyes, blindness can result. Rinse your eyes with clean water, without rubbing them, and see a doctor immediately. R WARNING! Immediately stop using the battery if it emits an abnormal odor, heats up, or is discolored or deformed. If any of these conditions occur, contact your Icom dealer or distributor. R WARNING! Immediately wash, using clean water, any part of the body that comes into contact with fluid from inside the battery. R WARNING! NEVER put the battery in a microwave oven, highpressure container, or in an induction heating cooker. This could cause a fire, overheating, or cause the battery to rupture. CAUTION: Always use the battery within the specified temperature range for the transceiver (–25℃ to +55℃) and the battery itself (–20℃ to +60℃). 22 4 BATTERY CHARGING □□ Caution (for the BP-265 Li-ion battery) (continued) CAUTION: Shorter battery life could occur if the battery is left fully charged, completely discharged, or in an excessive temperature environment (above +50℃) for an extended period of time. @@@@@@@@R WARNING! @@@@@@R WARNING! @@@@The charger is not waterproof.

@@Icom recommends charging the battery at +20℃. @@Additionally, battery performance or battery life may be reduced. 23 BATTERY CHARGING 4 1 2 3 4 5 6 7 8 9 10 □□Battery chargers DD Using the BC-191 to rapid charge the BP-264 The BC-191 provides rapid charging of only the BP-264 Ni-MH battery pack. Never use it for any other battery pack. Charging time period for the BP-264: Approximately 2 hours The following item is additionally required: An AC adapter (not supplied with some versions), OPC-515L dc power cable or CP-23L cigarette lighter cable. Battery pack Transceiver Turn OFF the power AC adapter (A different type, or no AC adapter is supplied, depending on the version.) Optional OPC-515L* (for a power source) or CP-23L (for 12 V cigarette lighter socket) can be used instead of the AC adapter. * OPC-515L polarity White line: Black line : CAUTION: NEVER connect the OPC-515L to a power source using reverse polarity. This will ruin the battery charger. 11 12 13 14 Screws* (□ elf tapping screw: S M3.
5 × at least 30 mm) *Purchase separately. □ sing screws is recomU mended to secure the charger. Status indicator • Lights orange: While charging. • Lights green: Charging is completed. 15 16 17 18 19 20 24 4 BATTERY CHARGING □□ Battery chargers (continued) DD Using the BC-192 to regular charge the BP-264 The BC-192 provides regular charging of only the BP-264 Ni-MH battery pack.
Never use it for any other battery pack. Charging time period for the BP-264 (with the specified AC adapter) : □ pproximately 16 hours (at 16 V) A The following item is additionally required: An AC adapter (not supplied with some versions) or OPC-515L dc power cable. Battery pack Transceiver Turn OFF the power AC adapter (A different type, or no AC adapter is supplied, depending on the version.

You're reading an excerpt. Click here to read official ICOM IC-F27SR user guide
http://yourpdfguides.com/dref/5902828

) Optional OPC-515L (for a power source) can be used instead of the AC adapter. * OPC-515L polarity White line: Black line : CAUTION: NEVER connect the OPC-515L to a power source using reverse polarity.*

This will ruin the battery charger. Charging time period differs depending on the input voltage. 12 V : Approx. 36 hours 13.8 V : Approx. 21 hours 16 V : Approx. 16 hours Screws (□ elf tapping screw: S M3.5 × at least 30 mm) *Purchase separately. □ sing screws is recomU mended to secure the charger. Status indicator Lights green while charging.*

NOTE: The charge indicator will not go out even after a battery pack is fully charged. 25 BATTERY CHARGING 4 1 2 3 4 5 6 7 8 9 10 DD Using the BC-193 to rapid charge the BP-265 The BC-193 provides rapid charging of only the BP-265 Li-ion battery pack. Never use it for any other battery pack. Charging time period for the BP-265: Approximately 2.5 hours The following item is additionally required: An AC adapter (not supplied with some versions), OPC-515L dc power cable or CP-23L cigarette lighter cable. Battery pack Transceiver Turn OFF the power AC adapter (A different type, or no AC adapter is supplied, depending on the version.) Optional OPC-515L (for a power source) or CP-23L (for 12 V cigarette lighter socket) can be used instead of the AC adapter. * OPC-515L polarity White line: Black line : CAUTION: NEVER connect the OPC-515L to a power source using reverse polarity. This will ruin the battery charger. 11 12 13 14 Screws* (□ elf tapping screw: M3.*

*5 S × at least 30 mm) *Purchase separately. □ sing screws is recomU mended to secure the charger. Status indicator • Lights orange: While charging. • Lights green: Charging is completed. 15 16 17 18 19 20 26 4 BATTERY CHARGING □□ Battery chargers (continued) DD □ Using the BC-197 to rapid charge the BP-264 or BP-265 The BC-197 rapidly charges up to six battery packs.*

Charging time for the BP-264: Approximately 2 hours Charging time for the BP-265: Approximately 2.5 hours The following additional item is required: • □ n AC adapter (not supplied with some versions) or the OPC-656 dc A power cable Battery pack Transceiver Turn OFF the power The charger adapters are installed in each slot. The shape of charger adapter depends on the version of the BC-197. AC adapter (An AC adapter is not supplied with some versions.) Status indicator (each indicator independently functions) OPC-656 (DC power cable) (Connect to a DC power supply; 12 to 16 V/at least 7 A) Red line : + Black line : _ 27 BATTERY CHARGING 4 1 2 There are two types of BC-197 chargers for the IC-F27SR; one is for Ni-MH batteries, and the other is for Li-ion batteries.

Before you purchase a BC-197, check the type of battery you are using, and then be sure to choose the suitable charger type. BC-197 Charger Type Chargeable Battery With AD-120 charger adapters BP-264 Ni-MH battery With AD-121* charger adapters BP-265 Li-ion battery * □ he charger adapter type, AD-120 or AD-121, is printed on the inside T bottom of the charger adapter. The type of battery it holds is printed on the top right corner of the adapter. 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 28 4 BATTERY CHARGING □□ Battery chargers (continued) IMPORTANT: Ensure the tabs on the battery pack are correctly aligned with the guide rails inside the charger. Tabs BC-191, BC-192, BC-193 Guide rail 29 BATTERY CASE □□Optional BP-263 battery case 5 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 When using the optional battery case, install 6 × AA (LR6) size alkaline batteries, as illustrated below. qq Remove the battery case if it is attached. (p. 3) ww Install 6 × AA (LR6) size alkaline batteries, as shown below. • Install only alkaline batteries. • Be sure to observe the correct polarity.*

Be careful! The negative terminals of the battery case protrude from the body, so pay attention not to injure your fingers when inserting the batteries. ee Reattach the battery case. (p. 3) CAUTION: • □ hen installing batteries, make sure they are all the same W brand, type and capacity. Also, do not mix new and old batteries together. • □ eep the battery terminals clean. It's a good idea to regularly K clean them. • □ ever incinerate used battery cells since internal battery gas N may cause them to rupture. • □ ever expose a detached battery case to water. If the battery N case gets wet, be sure to wipe it dry before using it.

*• Never use batteries whose insulated cover is damaged. NOTE: When the optional battery case is attached, the battery type must be selected as "Battery case operation" when turning the transceiver ON. See page 10 for details. 30 6 OPTIONS Voltage Capacity Battery life*1 —*2 24.8 hrs.*

*35.3 hrs. DD BATTERY PACK/CASE Battery pack/case BP-263 BP-264 BP-265 *1 □ When Battery case for AA (LR6) × 6 alkaline 7.2 V 7.4 V 1400 mAh 2000 mAh the power save function is turned ON, and the operating time is calculated under the following conditions; TX : RX : standby = 5 : 5 : 90 *2 The average operating time depends on the alkaline cells used.*

DD CHARGERS • BC-191 desktop charger + BC-123SE ac adapter □ rapid charging of the Ni-MH battery pack. @@ Charging time period for the BP-264: Approximately 2 hours. • BC-192 desktop charger + BC-147SE/BC-206SE ac adapter □ For regular charging of the Ni-MH battery pack. @@ Charging time period for the BP-264: □ pproximately 16 hours. A (at 16 V) • BC-193 desktop charger + BC-123SE ac adapter □ rapid charging of the Li-ion battery pack. @@@@@@There are two types of BC-197 chargers for the ICF27SR. @@2 hrs. Approx. 2.5 hrs.

*** □ ither AD-120 or AD-121 charger adapters are installed in the BC-197, E depending on the chargeable battery pack. DD DC POWER CABLES • CP-23L cigarette lighter cable □ Allows charging of the battery pack through a 12 V cigarette lighter socket. (For BC-191/BC-193) • OPC-515L/OPC-656 dc power cable □ charging of the battery packs using a 12 V DC power source For instead of the AC adapter. OPC-515L : BC-191/BC-192/BC-193 OPC-656 : BC-197 DD BELT CLIPS • MB-124 belt clip Exclusive alligator-type belt clip. 32 6 OPTIONS DD OTHER OPTIONS • HM-158L/HM-159L speaker-microphone □ Combination speaker-microphone that provides convenient operation while hanging the transceiver on your belt. • HS-94/HS-95/HS-97 headset + OPC-2004 plug adapter cable HS-94 : Ear hook type HS-95 : Neck-arm type HS-97 : Throat microphone OPC-2004 : □ llows you to connect the HS-94, HS-95 or HS-97 A to the transceiver. @@@@Some options may not be available in some countries. @@@@ww Remove the jack cover. (p. 4) ee □ onnect an optional HS-94, HS-95 or HS-97 headset and OPCC 2004, as illustrated below.*

OPC-2004 HS-94 [VOL] w e q 15 16 17 18 19 20 34 6 OPTIONS □□ VOX function (continued) DD Turning the VOX function ON or OFF The VOX function can be turned ON or OFF when turning the transceiver power ON.

You're reading an excerpt. Click here to read official ICOM IC-F27SR user guide
http://yourpdfguides.com/dref/5902828

qq □ otate [VOL] to turn OFF the R [ROTARY SELECTOR] transceiver power. [VOL] ww □ et [ROTARY SELECTOR] to S any channel other than Channel 16. ee □ hile holding down [Upper], W turn ON the transceiver power to switch the VOX function ON [PTT] or OFF. • □ beep sounds when the VOX 1 function is turned OFF.

• □ beeps sound when the VOX 2 function is turned ON. [Upper] @@Ask your dealer for details. 35 OPTIONS 6 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 DD Setting the VOX gain The VOX sensitivity level can be adjusted from 1 (minimum) to 10 (maximum). Higher values make the VOX function more sensitive to your voice. □□ IMPORTANT! Set the microphone gain before setting the VOX gain.

(p. 15) qq□ onnect the optional HS-94, C HS-95 or HS-97 headset and the OPC-2004. (p. 34) ww □ otate [VOL] to turn OFF the R transceiver power. [ROTARY SELECTOR] [VOL] ee □ et [ROTARY SELECTOR] to S Channel 16. rr □ hile holding down [PTT] and [PTT] W [Upper], rotate [VOL] to turn ON the power and enter the VOX [Upper] gain adjustment mode. [Lower] tt □ ush [Upper] to increase, or P push [Lower] to decrease the VOX gain while speaking into the optional headset. • The adjustable range is 1 (minimum) to 10 (maximum). • A beep sounds after pushing [Upper] or [Lower]. If the level is set on 1 or 10, an error beep sounds after pushing.

□ Therefore, you can determine the current level setting by the type of beep that sounds. y □ otate [VOL] to turn OFF the power, then turn ON again to exit R the VOX gain adjustment mode. @@Ask your dealer for details. 36 7 SPECIFICATIONS DD General : 446.00625–446.09375 MHz : □ K50F3E (FM) 8 : □ X T 400 mA approx. RX Max. audio 330 mA approx. • Power supply requirement : □ .2 V DC nominal* (negative ground) 7 *Only specified Icom's battery pack • Frequency stability : □ 2.

5 ppm (–25°C to +55°C) ± • Antenna impedance : 50 ˇ nominal • Weight : □ pproximately 340 g (with BP-264) A : □ pproximately 285 g (with BP-265) A • Frequency coverage • Mode • Current drain (at 7.2 V) DD Dimensions 74.5 186.0 111.5 135.

5 Unit: mm *with a BP-264 36.5 mm with a BP-265 32.0* 58.0 37 SPECIFICATIONS 7 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 DD Transmitter • □ utput power O • Modulation system • Max. frequency deviation • Spurious emissions • Adjacent channel power • External mic.

connector : 0.5 W ERP : □ ariable reactance frequency V modulation : ±2.5 kHz : □ .25 µW (1 GHz or below) 0 1.00 µW (above 1 GHz) : 60 dB : 3 conductor 2.5 (d) mm/2.2 k ˇ DD Receiver • Receive system : □ ouble conversion D superheterodyne • Sensitivity (20 dB SINAD) : 26.5 dBµV/m • Squelch sensitivity : 26.5 dBµV/m (Threshold) • Intermodulation rejection ratio : 86.29 dBµV/m • Spurious response rejection ratio : 91.

29 dBµV/m • Adjacent channel selectivity : 81.29 dBµV/m • Audio output power : □ .8 W (typical) at 5% distortion 0 with a 12 ˇ load □ .4 W (typical) at 5% distortion 0 with an 8 ˇ load • External speaker connector : 2 conductor 3.5 (d) mm/8 ˇ All stated specifications are subject to change without notice or obligation. 38 8 INDEX K Key functions.....

.....

.....

.....

.... 7 Lock key.....

.....

.....

.....

..... 8 Memory channel select keys.. 7 Monitor key...

.....

.....

.....

.... 8 Priority channel rewrite keys.. 7 Priority channel select keys.. 7 Scan keys..

.....

.....

.....

..... 7 Siren key...

.....

.....

.....

..... 8 . Surveillance key..

.....

.....

..... 8 L LED indicator...

.....

.....

.....

.. 6, 9 . Lower key [Lower]. .....

.....

.... 6 M Microphone gain setting.

.....

.... 15 O Options.....

.....

.....
.....
.....

31 P Penalty timer. .....
.....
.....
..... 14 . Power ON..

.....
.....
.....
.....

10 Power save function.....
.....
. 18 . Preprogrammed frequency and CTCSS tone list (Default)...
..... 13 Priority A channel selection.....

17 PTT Switch [PTT].....
.....
.....
.. 6 A Auto scan function.....

..... 11, 17 B Battery Case.....
.....
.....
.....

..... 3, 30 Caution (Li-ion)....
.....
.....
..... 21 Caution (Ni-MH).....

.....
.. 19 . Chargers. .
.....
.....

.....
. 24 Charging....
.....
.....

.....
19 Life. ....
.....
.....

.....
.....
.. 31 . Pack. .
.....

.....
.....
.....
..... 3 . Type selection. ...

.....
.....
. 10 . Belt clip...
.....

.....
.....
.....

..... 2 C Channel selection.....

.....
.....
11 Country code list.....
.....

.....ii .
CTCSS tone.....
.....
.....

..... 12 D Definitions. .
.....
.....
.....

.....
...i . DTCS code.
.....
.....

.....
.... 12 F Front panel.
.....
.....

.....
.....
. 5 J Jack cover....
.....

.....
.....
4, 6 . 39 INDEX 8 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 R Rapid charge Using the BC-191 to charge the BP-264....
.....

.....
. 24 Using the BC-193 to charge the BP-265....
.....
.....

..... 26 Using the BC-197 to charge the BP-264 or BP-265....
.... 27 Receiving.
.....
.....

.....
.....
. 12 . Regular charge Using the BC-192 to charge the BP-264...
.....

.....
.. 25 Rotary selector...
.....
.....

..... 5 S Squelch level setting. .
.....
.....
... 16 . Side panel.....

.....
.....
.....
..... 5 . Speaker-microphone jack [SP MIC]..

.....
.....
.....
.....

.... 6 Specifications.....
.....
.....
.....

37 Supplied accessories.....
.....
. 1 T Time-out timer....
.....

.....
. 14 Top panel....
.....
.....

.....
.....
. 5 Transmitting....
.....

.....
.....
12 Inhibit function.....
.....

..... 14 Notes.....
.....
.....
.....

..... 14 U Upper key [Upper].
.....
.....
.....

6 V Volume control [VOL]. .....
.....
. 5 . VOX function. ..
.....

.....
.... 34 .
Turning ON or OFF. ....
..... 35 . Unit connection. .

.....
.....
. 34 . . VOX gain setting. .
.....

.... 36 40 #91 EUR-22, #92 EUR-23 AT FI IT PL GB RO < Intended Country of Use > BE FR LV PT IS TR CY DE LT SK LI HR CZ GR LU SI NO DK HU MT ES CH EE IE NL SE BG #93 UK-02, #94 UK-03 AT FI IT PL GB RO < Intended Country of Use > BE FR LV PT IS TR CY DE LT SK LI HR CZ GR LU SI NO DK HU MT ES CH EE IE NL SE BG A-6954D-1EU-q Printed in Japan © 2011 Icom Inc. Printed on recycled paper with soy ink. 1-1-32 Kamiminami, Hirano-ku, Osaka 547-0003, Japan .

You're reading an excerpt. Click here to read official ICOM IC-F27SR user guide
http://yourpdfguides.com/dref/5902828