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### Xts 2500 manual

The results cannot be filled in at this time. Product Information Accessory Resource Catalog results cannot be filled in at this time. Product Info Accessories Resources Product Catalog 1 2 3 4 5 6 7 8 Table Of Contents 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 ASTRO® XTSTM 2500 Digital Portable Radio Model I User Guide ASTRO® XTS™ 2500 Digital Portable Radio, Model I Quick Reference Card Product Safety and RF Exposure Compliance! Read the operating instructions for safe use included in the operating instructions that you attach to your radio before using this product. Attention! This radio is only permitted to be used by trades to meet for RF energy exposure requirements. Before using this product, read the information about RF energy awareness and the instructions for the product safety and RF exposure booklet accompanying your radio (Motorola publication part number 688109C98) to ensure compliance with RF energy exposure limits. 3 Position 16-Position Rotary Switch Select Knob-On/OFF Upper button volume button Top speaker / Mic button PTT Side button 1 Side button 2 Write on dotted lines of radio programmed functions. Radio on/off LED On/OFF Volume button clockwise ZOF On/OFF Volume button counterclockwise Zones/Channels LZone - Move zone to preferred zone. ZChannel - Turn the channel selector switch to the desired channel. Get/broadcast L/Radio and select a zone/channel. ZCharacter of the transmission. OR Press and hold the volume setting button. The release volume setting button. OR press the monitor button and listen to the action. 3Scan, if necessary. 4 Press and hold PUSH to forward; release the listen. Send emergency alarm 1Radio on and press emergency button. You see a red LED; you hear a short, moderately inclined tone. 2 When the dispatcher is confirmed, you hear four tones; the end of the alarm; radio in case of an emergency. Send Silent Emergency Alarm 1Radio on and press the Emergency button. You don't see the LEDs; you do not hear the signal. 2 Press pt. 3Alarm continues until you exit. For one second, press and hold the EMERGENCY BUTTON OR Press and release PUSH to talk. Send emergency call 1Radio on and press emergency button. You hear a short, medium tone. 2 Press push to talk. Notify me of your emergency at the microphone. 3Release away from push to end the call. 4 Press and hold the emergency button for one second to exit. M ASTRO® XTS™ 2500 Portable Radio Model I User Manual 688109C04-D MOTOROLA Stylized M Logo. ASTRO, and CommPort are registered with the U.S. Patent & Trademark Office. All other product or service names are the property of their owners. P25 radio includes technology patented by Digital Voice Systems, Inc. © Motorola, Inc. in 2004. All rights reserved. Printed in USA 10/04/04. Motorola, Inc. 8000 W. Sunrise Blvd. Ft. Lauderdale, FL 33322 This declaration applies to your radio only if your radio is marked with the FCC logo shown below. DECLARATION OF CONFORMITY On FCC CFR 47 Part 2 Section 2.1077(a) Name of the 3-Party responsible: Motorola, Inc. Address: 8000 West Sunrise Boulevard Plantation, FL 33322 USA phone number: 1-888-567-7347 is 1-888-567-7347 Declares, that product: Model name: XTS 2500 complies with the following provisions: FCC Part 15, Subpart B, paragraph 15.107(a), paragraph 15.107(d) and paragraph 15.109(a) Digital device as a personal computer peripheral, this device complies with Part 15 of the FCC Regulation. The operation shall be subject to the following two conditions: 1 this device shall not cause harmful interference, and 2 this device must accept all interference received, including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limit values for a Class B digital device in accordance with Part 15 of the FCC Regulation. These restrictions are designed to provide reasonable protection against harmful interference in residential facilities. This equipment generates, uses and is able to emit radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the disruption does not occur in a particular installation. If this equipment causes harmful interference to the reception of radio or television, which can be detected by turning off and switching on the equipment, the user is advised to attempt to prevent interference by taking one or more of the following: •reorient or move the receiving antenna •increase the distance between the machine and the receiver •Connect the machine to a socket on a circuit different from the one to which the receiver is connected •Get help from a dealer or an experienced radio/TV technician. Before using this product, read the operating instructions contained in the Safety and RF Exposure brochure on your radio. Attention! This radio is only permitted to be used by trades to meet for RF energy exposure requirements. Before using this product, read the information about RF energy awareness and the instructions for use in the product safety and RF exposure booklet accompanying your radio (Motorola publication part number 688109C98) to ensure compliance with RF energy exposure limits. To get a list of antennas, batteries, and other accessories, visit the following website, which lists approved accessories: Computer Software Copyright Motorola products described in this guide may include Motorola computer programs stored in semiconductor memories or other media. The laws of the United States and other countries retain Motorola certain exclusive rights to copyrighted computer programs, including, but not limited to, the exclusive right to copy or reproduce a copyrighted computer program in any way. 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Disclaimer: The information provided in this document is carefully considered and is considered to be fully reliable. However, no liability for inaccuracies is taken. In addition, Motorola reserves the right to make changes to any products here in order to improve readability, features or design. Motorola assumes no responsibility arising from applications or the use of any product or chain described here in this way; it does not apply to the license provided for in its patent rights or to the rights of others. Content Declaration of Conformity

..... (i) Product safety and compliance with RF exposure ..... (iv) General radio operation ..... 1 Notations used in this guide ..... 1 XTS 2500 Model I Radio ..... 2 Physical characteristics of XTS 2500 Model I radios ..... 3 Programmable features ..... 5 Warning signals ..... 5 Standard accessories ..... 8 Battery ..... 8 Antenna ..... 10 Belt Clip ..... 11 Universal connector cover ..... 12 Remove the connector cover ..... 12 Connect the connector cover to ..... 12 Remote speaker microphone adapter ..... 13 Remove the adapter ..... 13 Attaching the adapter ..... 13 Radio on and off ..... 14 Turn on the radio ..... 14 Turn off the radio ..... Zones and channels ..... 15 Choose a zone ..... 15 Choose a channel ..... 15 Receive/broadcast 16 Without the use of volume setting and monitor buttons ..... 16 Use the programmed volume setting button ..... 17 Use the programmed monitor button ..... 21 Conventional follow-up options ..... 21 Analogue continuation mode ..... 19 Common radio functions ..... 21 Selectable power level ..... 21 Fa Defeat ..... 21 Time-out timer ..... 22 Emergency situation ..... 23 Send an emergency alarm ..... 24 Send a silent emergency alarm ..... 25 Send an emergency call 25 Extraordinary keep-alive ..... 27 Scanning ..... 28 Turn scanning on and off ..... 28 Normal scanning only ..... 29 Phone calls (channel only) ..... 30 Answer a phone call ..... 28 Delete the interference channel ..... 30 Private calls (trunking only) ..... 31 Paging a call alert ..... 31 Answer a private call ..... 33 Select Repeater or Direct Operation ..... 33 Special radio features ..... 35 FileSoft ..... 35 Channel system controls ..... 35 Out of range ..... 35 Blocking a site ..... 36 Site changes 36 Useful tips ..... 37 Radio care ..... 37 Cleaning ..... 37 Processing ..... 37 Service ..... 38 Battery

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The following special notes that identify specific items: The top button button in the example description appears in bold type: General radio operation XTS 2500 Model I Radio 6 7 8 9 10 11 12 13 14 General Radio Radio Physical Characteristics XTS 2500 Model I Radio Item Item Page Page 1 Antenna 10 8 On/Off Volume 14 Control Knob 2 Top Button 9 Microphone (Programmable) 3 LED 5 10 Top Side (Select Button (Programmable)) 4 Speaker 11 Push-to-Talk (PTT) Button 5 Universal Connector 12 12 Side Button 1 (programmable) Programmable control of your radio can be programmed by a qualified technician to operate software-activated functions. The features that can be assigned to these controls and the page numbers in which you can find these features are listed below. Table 1: Programmable Features Feature Page Call Response 30 Repeater Direct 33 Channel Selection 15 Scan On / Off 28 Dynamic Priority 29 Site Lock / Unlock 36 Emergency 23 Site Search 36 Monitor 18 Broadcast Power Level 21 Nuisance Delete 28 Volume Set 17 Phone 30 Zone Selection 15 PL Defeat 21 All references in this guide to control, which is programmed means that a qualified radio technician must use radio programming software to give control of the functions. General Radio Operation Table 2: LED Indicators This LED Color Indicates: RED (Non-Flashing) Transmitting RED (Flashing) Channel Busy OR Low Battery (light time transmitting) GREEN (Flashing) Receives individual Call Your radio uses warning signals to inform you about radio conditions. Table 3: Alarms You hear: Tone word Heard, Invalid key-press when the wrong key is pressed, Short, Radio Self Test when the radio fails a power-failed up self test, Low-Pitched Repeat when unauthorized request tone is heard, Timeout timer four seconds before time-out, Warning General Radio Action Table 3: Warning signals (Continued) You hear: Signal name/heard: No confirmation pass power-up self-up self-test: Short, Priority channel when you receive actions with a priority for the average channel received. An emergency signal of the oblique tone when entering an emergency entry state, central echo when the central controller has received a radio request. General Radio Operation Table 3: Alert Tones (Continued) You Hear: Tone Heard: Long, Volume Set when volume changed to alert channel, Channel, Emergency end when exiting the emergency pitched tone position, Failback when the channel system fails, Automatic callback when voice channel is available from previous request. The call permission group (by pressing the PTT button) checks whether the system is obliquely accepting the transmission. Tone console when you receive a status, emergency confirmation alarm or reprogram request confirmation. I get a call alert or a private individual call call. Short, high-low battery chirp when the battery is below the Pitched Tone preset threshold value. I'm not? A call phone call when you receive a remote line. To avoid a possible explosion: DO NOT REPLACE the battery at any point called a dangerous atmosphere. W A R N I N G • DO NOT throw the batteries into the fire. Charge the battery The Motorola-approved battery supplied by the radio is not charged. Charge it for at least 16 hours to ensure optimal capacity and performance before using a new battery. For a list of Motorola approved batteries available for use with XTS 2500 radio, see Battery p. 43. Note: When charging a battery connected to the radio, switch off the radio to ensure full charging. Battery charger To charge the battery, insert the battery with or without radio into a Motorola-approved charger. The charger's LED indicates the state of charge: the user guide of the charger. For a list of chargers, see Chargers p. 44. General Radio Operation Connect Battery 1 With the radio off. fit three extensions to the bottom of the battery in the bottom slot of the radio. 2 Press the top of the battery against the radio until both latches lock into place. Remove the battery 1 With the radio turned off, slide the latch down on the side of the battery. 2 Remove the top of the battery from the radio. General radio antenna For information about other available antennas, see page 43. Connect the antenna When the radio is off, turn the antenna clockwise to connect it. Remove the antenna When the radio is off, turn the antenna counterclockwise to remove it. General Radio Operation Belt Clip Connect belt clip 1 Aysul belt clip grooves with battery grooves. 2 Press the belt clip down until you clear the click. Remove the belt clip 1 Use a flat object to press the cover of the belt clip from the battery. 2 Slide the belt mount upwards to remove it. ASTRO XTS 2500 Model I 11 General Radio Operation Universal Connector Cover Universal Connector Cover is located on the antenna side of the radio. It is used to connect certain accessories to the radio. Note: To prevent damage to the connector, look at it with the connector cover when not in use. Remove the connector cover 1 Insert a flat screwdriver between the bottom of the cap and the opening under 2 Keep the top of the cap with your thumb until you send the bottom of the cap away from the radio with a screwdriver. Attach the connector cover 1 Note the cover at the top of the hooked end of the connector. Press down on the top of the cover to insert it into the slot. 2 Press the cap cover under the connector until it locks into place. Top Hooked End Slot Tab Bottom Hooked End Bottom Slot