

# SWITEL

SWISS BRAND

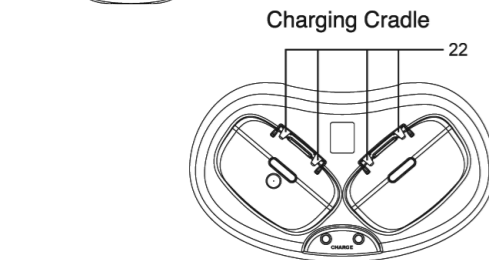
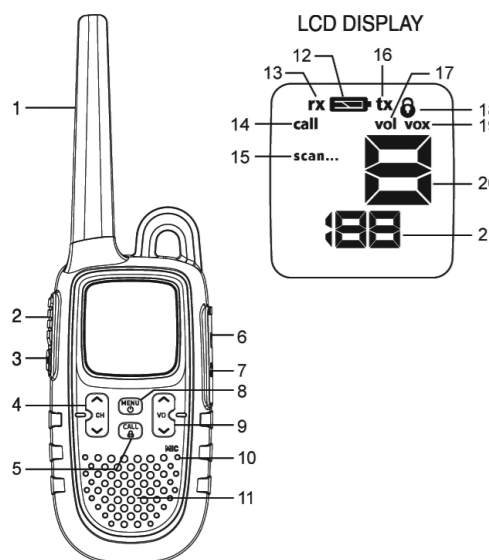
**SWITEL WTF735**  
WALKIE-TALKIE  
English

## OPERATING INSTRUCTIONS

- 8 PMR Channels
- 121 Sub Codes (CTCSS Tone and DCS Code)
- Up to 10 km range
- Internal VOX Circuitry
- 5 Selectable Call Tone Alerts
- Backlit LCD Display
- Headset Jack
- Roger Beep
- Battery Charger
- Battery Level Meter
- Channel Monitor
- Channel Scan
- Keypad Lock
- DC IN 9V Jack



### SWITEL WTF735 RADIO



- 1 Antenna
- 2 PTT (Push-To-Talk) Button
- 3 Monitor Button
- 4 Channel Up/Down key
- 5 Call/Key lock
- 6 Headset Jack
- 7 DC IN 9V
- 8 Menu/Power key
- 9 Volume Up/Down key
- 10 Microphone
- 11 Speaker
- 12 Battery Level Meter
- 13 Receive Indicator
- 14 Call Indicator
- 15 Scan Indicator
- 16 Transmit Indicator
- 17 Volume Setting Indicator
- 18 Keypad Lock Indicator
- 19 VOX Indicator
- 20 Channel Indicator
- 21 Sub Code Indicator
- 22 Charging Contacts

Congratulations on your purchase of the SWITEL WTF735 (Private Mobile Radio Service) waterproof radio. This lightweight, palm-sized, radio is a state-of-the-art device, equipped with many valuable features. Use it at sporting events, to stay in contact with family and friends, hiking, skiing, outdoors, or in a neighborhood watch for vital communication - even outside by the pool!

**Your radio complies with JIS4 water-proof standards, which means the radio is resistant to damage from light rain or water spray from all sides.**

The radio will only meet this rating if fully assembled and all rubber seals and the jack cover is well maintained and correctly fitted. This means that the Headset plug (not included) is not inserted and the Headset jack cover and the battery pack are attached and securely fastened.

**Note:** *If your radio is exposed to salt water, clean your radio thoroughly with a small amount of fresh water (do not submerge it), and dry it before turning it on.*

### SAFETY INFORMATION

Please read this operating instruction manual thoroughly.

#### Intended use

These walkie-talkies have been conceived for communication with other walkie-talkies complying to the same standards. Any other use is considered unintended use. Unauthorised modification or reconstruction is not permitted. Under no circumstances open the devices or complete any repair work yourself.

#### Installation location

Prevent excessive exposure to smoke, dust, vibration, chemicals, moisture, heat and direct sunlight. Do not use the devices in potentially explosive areas.

#### Power adapter plug

Attention: Only use the power adapter plug supplied because other power supplies could damage the devices. Ensure access to the power adapter plug is not obstructed by furniture or such.

#### Rechargeable batteries

Attention: Never throw batteries into a fire. Only use batteries of the same type. Pay attention to correct polarity. Incorrect polarity of the batteries represents a risk of explosion during charging.

### Medical equipment

Attention: Never use the walkie-talkies in the vicinity of medical equipment. Effects on such equipment cannot be fully ruled out. Walkie-talkies can cause an unpleasant humming sound in hearing aids.

### PACKAGE CONTENTS

#### Your package contains:

- Two radios
- Two rechargeable NiMH battery packs
- One AC adapter
- One dual charging cradle
- Two belt clips
- This reference guide

### ATTACHING/DETACHING THE BELT CLIP

Slide the belt clip in the guide from the top until it audibly snaps into place. To detach the belt clip, prize the fastening tab up a little with your fingernail and slide the belt clip upwards.


### INSTALL THE BATTERY

#### Your radio uses a supplied NiMH battery pack.

#### To install the NiMH battery pack:

- 1) Make sure your radio is OFF.
- 2) Release the battery latch at the bottom of the radio, and remove the cover.
- 3) Install the NiMH battery pack into the battery compartment. Be certain to follow the instructions written on the label on the battery pack. Installing the battery pack incorrectly will prevent the unit from operating.
- 4) Before placing the battery cover back on the radio, check the rubber seal around the battery compartment and the ribbon of the battery pack: make sure that the seal is in good condition and that there is no foreign matter under the seal.
- 5) Replace the battery compartment door.

### BATTERY LEVEL AND LOW BATTERY ALERT

This unit has a battery level meter on the display to indicate the status of the batteries. When the battery in the unit is low, the battery level meter icon  flashes. Recharge the NiMH battery pack immediately.

### CHARGING THE RADIO

Your radio can be charged by using the supplied charging cradle.

**Make sure to turn the radio OFF before placing the radio in the charging cradle.**

#### Using the Charging Cradle:

- 1) Connect the AC adapter to DC IN 9V jack and to a standard AC wall outlet.
- 2) Set the charging cradle on the desk or tabletop, and place the radio in the charging cradle with the keypad facing forward.
- 3) Make sure that the LED illuminates. Charge the battery pack for 16 hours and remove the radio from the charging cradle after charging.

#### Note:

- DC IN 9V Jack of the radio is for charge only. Be sure to install the battery before charge.
- Use only the supplied battery and AC adapter or approved accessories.
- Charge time may vary depending on the battery life remaining.
- For fastest charging, turn off the radio before charging.
- Battery must be installed for operation, even from external power.
- If battery power is low, you cannot operate the radio even using external power. Allow the batteries to charge before using. If you try to transmit while power is low, the radio will automatically turn off.





### Warning!

- The charging cradle is not waterproof. If the charging cradle falls into water, unplug it before attempting to remove it from the water. Allow the cradle to dry completely before reconnecting the power.
- Wipe off dirt or shake water from your radio before placing in the charging cradle if your radio is soiled or wet.

### USING THE RADIO

In order to get the most out of your new radio, read this reference guide completely before attempting to operate the unit.



#### Turning the Radio On and Adjusting the Volume

- 1) Press and hold the MENU/  key to turn the radio ON, and increase the speaker volume by pressing the **VO**  key. To decrease the volume, press the **VO**  key.
- 2) Press and hold the MENU/  key again to turn the radio OFF.



#### ADJUSTING THE SOUND (KEY BEEPS)

Your radio emits a beep each time one of the keys (except for the PTT button and CALL key) is pressed.

#### To turn this sound OFF:

- 1) Enter the Menu. Advance through the Menu until the **bp** icon appears on the display. The current sound status **y** (ON) blinks on the display.
- 2) To switch the sound from **y** (ON) to **n** (OFF), press the **CH**  key.
- 3) To confirm the setting, press the MENU/  key.








#### To turn this sound ON:

- 1) Enter the Menu. Advance through the Menu until the **bp** icon appears on the display. The current sound status **n** (OFF) blinks on the display.
- 2) To switch the sound from **n** (OFF) to **y** (ON), press the **CH**  key.
- 3) To confirm the setting, press the MENU/  key.

#### CHOOSING A CHANNEL





Your radio has 8 channels and 121 Sub codes you can use to talk to others. In order to speak to someone, each of you must be set to the same channel and Sub code.

#### To choose a channel:

- 1) Press **CH**  or  key to enter the channel select mode. The channel indicator flashes.
- 2) Then press **CH**  or  key to increase or decrease the channel number displayed.
- To change the channel continuously, press and hold **CH**  or  key for more than 1 second in channel select mode.
- 3) To set a desired channel, press MENU/  key.

#### CHOOSING A SUB CODE




Each of the channels 1-8 may have any one of the codes, OFF or 1-121 selected. Code **oF** (OFF) indicates no Sub code selected and your radio can receive a signal regardless of the code settings of the transmitting radio.

- 1) Press the MENU/  key.
- 2) Press the **CH**  or  key to increase or decrease the code number displayed. You can also select **oF** (OFF) at this stage.
- 3) Press the MENU/  key.



#### CHANNEL SCAN FEATURE

Your radio has a channel scan feature that allows you to easily scan all 8 channels. When an active channel is detected, the radio pauses on that channel until the channel is clear. Then, after a 2 second delay, the radio continues scanning. Pressing the PTT button while the scan is paused on a channel allows you to transmit on that channel.

#### To turn ON channel scan

Press MENU/  key twice. The **scan...** icon and **n** (OFF) blink. Press **CH**  key to select on, and then press MENU/  key. The channel number changes as the radio rapidly cycles through the channels.

#### To turn OFF channel scan:

Press the CALL/  key, PTT, MENU/  key.

### TALKING ON YOUR RADIO

#### To talk to others using the radio:

- 1) Press and hold the PTT button and speak in a clear, normal voice about 2-3 inches away from the microphone. While you are transmitting, the **tx** icon appears on the display. To avoid cutting off the first part of your transmission, pause slightly after pressing the PTT button before you start talking.
- 2) When you have finished speaking, release the PTT button. You can now receive incoming calls. While receiving, the **rx** icon appears on the display.

#### Note:

*If PTT or VOX is continuously used, 1 minute after you start using the feature the transmission stops and you hear a timeout error tone.*

#### MONITOR MODE FEATURE

Your radio allows you to listen for weak signals on the current channel at the press of a key.

#### To turn ON the Monitor Mode:

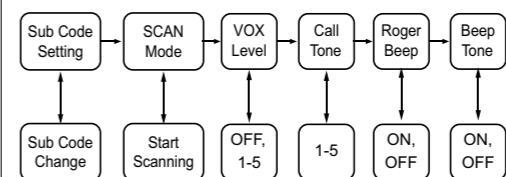
- For brief listening, press **MON** button. The **rx** icon blinks.
- Press and hold **MON** button for 2 seconds until two beeps sound for continuous listening. The receiver circuit stays open, letting both the noise and weak signals be heard.





#### To turn OFF Monitor Mode:

Press **MON** button to return to „Normal“ mode, and the **rx** icon stops blinking and disappears.

#### NAVIGATING THROUGH THE MENU

Use the MENU key to access your radio's advanced functions.





- 1) To enter the Menu, press the MENU/  key.
- 2) Additional presses of the MENU/  key advance you through the Menu until exiting to „Normal“ operating mode.
- 3) Other methods of exiting the Menu function are:
  - a. Press and hold the MENU/  key again.
  - b. Press the PTT, MON, or CALL/  key
  - c. Wait 10 seconds until the unit automatically returns to „Normal“ mode.


#### VOICE OPERATED TRANSMISSION

Your radio is equipped with a user selectable Voice Operated Transmitter (VOX) that can be used for automatic voice transmissions. The VOX feature is designed to be used with a headset with a microphone. Transmission is initiated by speaking into the remote microphone instead of pushing the PTT button.



#### TO SELECT THE VOX LEVEL:


- 1) Enter the Menu. Advance through the Menu until the **VOX** icon appears on the display. The current level (OFF, 1-5) will be indicated. Level **oF** (OFF) disables VOX, while levels 1-5 set the sensitivity of the VOX circuit.
- 2) Press either the **CH**  or  key to the desired VOX sensitivity level. Use level 1 for increased sensitivity to voice in normally quiet environments, and use a higher level to reduce undesired activation in very noisy environments.

#### TRANSMITTING A CALL TONE




Your radio is equipped with 5 selectable call tones that are transmitted when the CALL/  key is pressed.

#### To select a call tone:


- 1) Enter the Menu. Advance through the Menu until the call icon appears on the display. The current call tone number (1-5) is indicated.
- 2) Press the **CH**  or  key to increase or decrease the number to the desired call tone. Each tone will be heard through the speaker.

To transmit the selected call tone, press the CALL/  key. The selected tone will automatically be transmitted for a fixed length of time. Call Tone will be cancelled when the PTT button is pressed.

#### KEY LOCK

Press and hold the CALL/  until the  appears. To exit Keylock on mode, press and hold CALL/  again.

#### Note:

- While in keylock on mode, you can still use the radio to receive transmissions, use CALL/ , VOL, PTT or MON.
- To turn the radio off and on exit keylock on mode.

#### AUTOMATIC POWER SAVE FEATURE

Your radio has a unique circuit designed to dramatically extend the life of the batteries. If there is no transmission nor an incoming call within 3 seconds, your radio switches to the Power Save mode. The radio is still able to receive transmissions in this mode.



#### LCD BACKLIGHT

The LCD Backlight automatically turns ON when any key (except the PTT button) is pressed. The LCD illuminates for 10 seconds before turning OFF.



#### ROGER BEEP

Roger Beep is a BEEP that is sent to notify the end of transmission (both PTT and VOX transmission). Roger Beep can be heard through the speaker when both Roger beep and Key Beep are set to ON. When Roger beep is set to ON and Key Beep OFF, Roger Beep will not be heard from the speaker but it will be transmitted to your party. When Roger Beep is set to OFF, Roger Beep neither be heard nor transmitted.

#### To turn OFF Roger Beep:

- 1) Enter the Menu. Advance through the Menu until the **rb** icon appears on the display. The current sound status **y** (ON) blinks on the display.
- 2) To switch the sound from **y** (ON) to **n** (OFF), press the **CH**  key.
- 3) To confirm the setting, press the MENU/  key.

#### To turn this sound ON:

- 1) Enter the Menu. Advance through the Menu until the **rb** icon appears on the display. The current sound status **n** (OFF) blinks on the display.
- 2) To switch the sound from **n** (OFF) to **y** (ON), press the **CH**  key.
- 3) To confirm the setting, press the MENU/  key.

### SPECIFICATIONS

Channels	8 PMR
Sub Codes	38 Sub-Audible Tones 83 DCS Codes
Power Source	NiMH Battery Pack
Range	Up to 10 km
Battery Life	14 Hours typ. NiMH Battery Pack (5/5/90 duty cycle)

### GUARANTEE

SWITEL equipment is produced and tested according to the latest production methods. The implementation of carefully chosen materials and highly developed technologies ensure trouble-free functioning and a long service life. The terms of guarantee do not apply where the cause of equipment malfunction is the

fault of the telephone network operator or any interposed private branch extension system. The terms of guarantee do not apply to the batteries or power packs used in the products. The period of guarantee is 24 months from the date of purchase.

All deficiencies related to material or manufacturing errors within the period of guarantee will be redressed free of charge. Rights to claims under the terms of guarantee are annulled following tampering by the purchaser or third parties. Damage caused as the result of improper handling or operation, normal wear and tear, incorrect positioning or storage, improper connection or installation or Acts of God and other external influences are excluded from the terms of guarantee. In the case of complaints, we reserve the right to repair defect parts, replace them or replace the entire device. Replaced parts or devices become our property. Rights to compensation in the case of damage are excluded where there is no evidence of intent or gross negligence by the manufacturer.

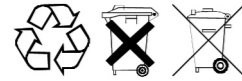
If your device does show signs of a defect within the period of guarantee, please contact the sales outlet where you purchased the SWITEL device, producing the purchase receipt as evidence. All claims under the terms of guarantee in accordance with this agreement can only be asserted at the sales outlet. No claims under the terms of guarantee can be asserted after a period of two years from the date of purchase and hand-over of the product.

#### DECLARATION OF CONFORMITY

This equipment complies with the European R&TTE directive. To view the complete Declaration of Conformity, please refer to the free download available at our web site: [www.switel.com](http://www.switel.com).

#### DISPOSAL

In order to dispose of your device, take it to a collection point provided by your local public waste authorities (e.g. recycling centre). The crossed-out bin symbol indicates that the device must not be disposed of in normal domestic waste! According to laws on the disposal of electronic and electrical devices, owners are obliged to dispose of old electronic and electrical devices in a separate waste container.



#### In Case of Problems:

##### **SERVICE HOTLINE**

*Should problems arise with the walkie-talkie, please refer to this guide first. In the case of technical problems, you can contact our hotline service, **Tel. 0900 00 1675** within Switzerland (Swisscom fees at time of going to print: CHF 2.60/min). In the case of claims under the terms of guarantee, please contact your sales outlet.*