

ASRC TYT Handheld Radio Basics



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- Put antenna on **before** putting battery in.
- Weak signal? Long-press a **Monitor** key to turn off squelch; long-press to turn back on.
- **Unblank screen**: turn channel select knob one click then back.
- **Top and bottom radio channels**: can change both: press \blacktriangle or \blacktriangledown key to switch half-arrow (and A or D) from top channel to bottom. Can *hear* both top/bottom, but only *transmits* on **channel with half-arrow**.
- Press push-to-talk and then take a breath – **wait a half-second** – before speaking.
- To change channels within current zone, rotate **channel select knob** on top of radio.
- **Zone** is collection of channels. Channel may appear in more than one zone, sometimes with different options, such as digital instead of analog (**D** instead of **A** on left) or with tone squelch turned off (**CSQ** = carrier squelch) instead of **TONE** (tone squelch). Zones ≥ 4 show number, such as **5-FRS GMRS MURS**. The **Zone at bottom** is for **channel to which half-arrow points**.
- **Top and bottom channel** may be in different zones: zone will change as move half-arrow from top to bottom channel. Default zone at top is **SAR Prime Tone**.
- **Use Menu to change zones**: Unlock = \blacksquare + *8. Press Menu, then use \blacktriangle / \blacktriangledown to select Zone, then Zone List. Use \blacktriangle / \blacktriangledown to select zone, then Confirm (\blacksquare) then On Confirm (green)
- (\blacksquare). If front panel locked then press *8 key to unlock then \blacksquare again. Use \blacktriangle and \blacktriangledown keys to select **Zone**. Press \blacksquare . Use \blacktriangle and \blacktriangledown keys to select **ZoneList**. Press \blacksquare . Use \blacktriangle and \blacktriangledown keys to select desired zone. Press \blacksquare . Use \blacktriangle and \blacktriangledown keys to select **On**. Press \blacksquare .
- When change channel *or zone*, radio announces *channel #*, *not zone #* or name.
- Follow procedures and use prowords on **Crib Sheet**. (<http://www.archive.asrc.net/ASRC-Communications/2007-03-12-ASRC-Radio-Crib-Sheet.pdf>).
- Take battery out **before** taking off antenna; put radio away **without** battery attached.

For more, see communications chapter at <http://www.conovers.org/ftp/AppSAR-Drafts>

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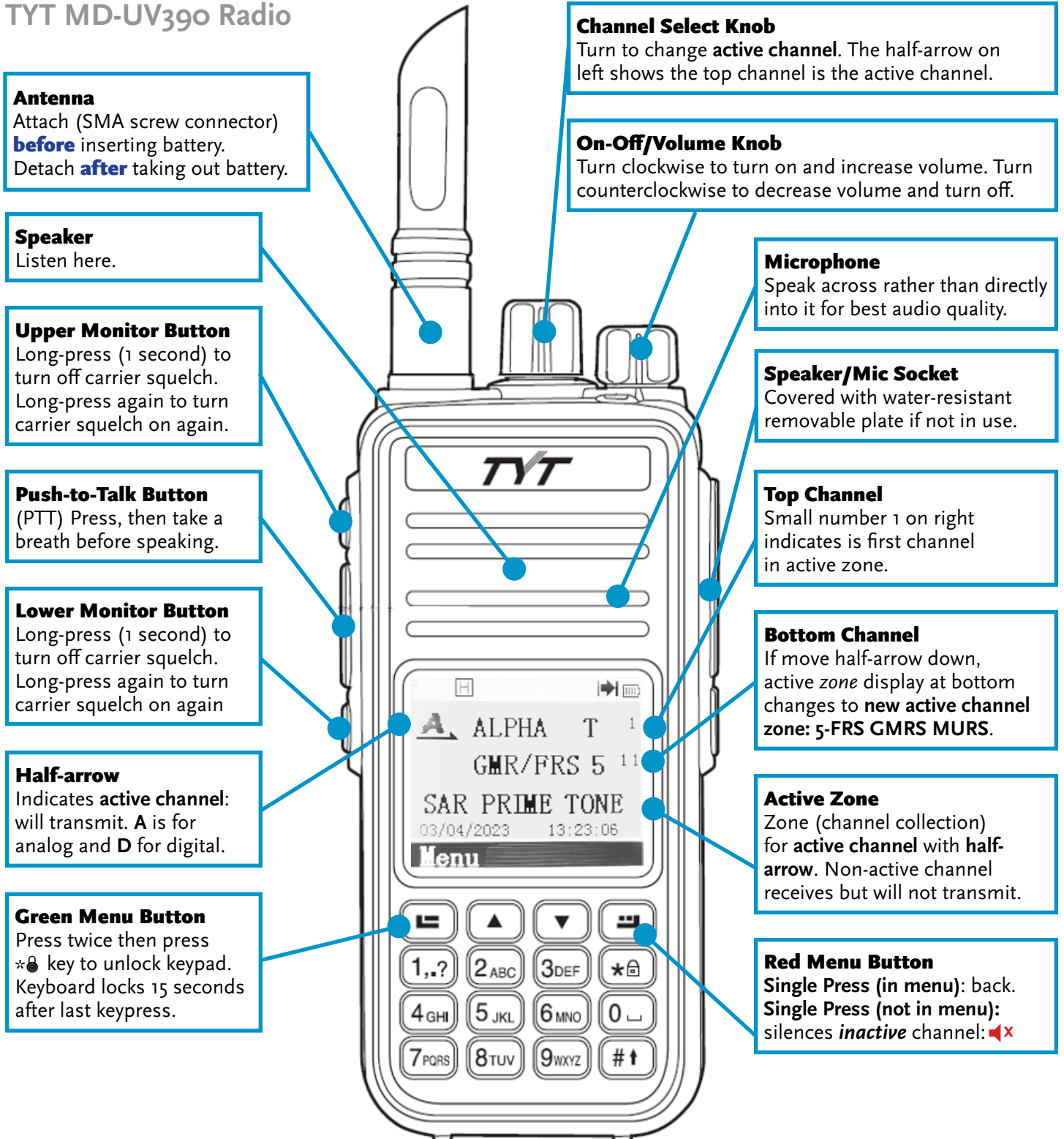


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TYT MD-UV390 Radio



Channel Select Knob
Turn to change **active channel**. The half-arrow on left shows the top channel is the active channel.

On-Off/Volume Knob
Turn clockwise to turn on and increase volume. Turn counterclockwise to decrease volume and turn off.

Antenna
Attach (SMA screw connector) **before** inserting battery. Detach **after** taking out battery.

Speaker
Listen here.

Upper Monitor Button
Long-press (1 second) to turn off carrier squelch. Long-press again to turn carrier squelch on again.

Push-to-Talk Button (PTT)
Press, then take a breath before speaking.

Lower Monitor Button
Long-press (1 second) to turn off carrier squelch. Long-press again to turn carrier squelch on again.

Half-arrow
Indicates **active channel**: will transmit. **A** is for analog and **D** for digital.

Green Menu Button
Press twice then press * key to unlock keypad. Keyboard locks 15 seconds after last keypress.

Microphone
Speak across rather than directly into it for best audio quality.

Speaker/Mic Socket
Covered with water-resistant removable plate if not in use.

Top Channel
Small number 1 on right indicates is first channel in active zone.

Bottom Channel
If move half-arrow down, active *zone* display at bottom changes to **new active channel zone**: 5-FRS GMRs MURS.

Active Zone
Zone (channel collection) for **active channel** with **half-arrow**. Non-active channel receives but will not transmit.

Red Menu Button
Single Press (in menu): back.
Single Press (not in menu): silences *inactive* channel: