

M = MAIN MENU:
TAP for FREQ readout in Morse
HOLD for:
S = Keyer SPEED:
DASH = fast, DOT = slow
E = Direct FREQ entry: freq 4-digits
T = 0, "R" = period
T = TUNE: DASH = on, DIT = off
M = MESSAGE: record
(see details inside lid)
P = USER preferences:
DWN = toggles A/B Iambic mode
UP = Stores current code speed
as readout speed
MENU = store and activate

R = RIT
HOLD 1 sec = RIT on "R"
HOLD past "R" = XIT "X"
TAP plays message #1
w/UP button plays#2
DWN plays#3

DOWN moves freq down
TAP = single 50Hz steps
HOLD = continuous 50 Hz steps

UP moves freq up
TAP = 50Hz steps
HOLD = continuous

ATS3a
5w QRP Transceiver
80/40/30/20m bands

KEY <12 VDC PHONES

USING MESSAGE STORE MODE

Review and storing the message: All the messages must be entered at the same time. To indicate a new message is to be started, key in seven (7) dashes, then continue with the next message. Once the message(s) have been keyed in, click the MENU button. The message(s) will now be repeated, so you can hear if they were keyed in properly or need to be re-entered. If more than one message was entered, you will here the eight dash break separating the messages. If the message(s) play back the way you want to hear it, click the MENU button again to store the message(s) in Flash memory. If you need to re-enter the message(s), press the RIT button. The sidetone will announce "EM" for "Enter Message" and you can start to key in the messages again. If more than one message is desired, they all have to re-entered. Repeat as needed until you get it all right and press MENU to store. **Sending the message from memory:** A short click of the RIT switch will start sending message 1. Message 2 is sent if the TUNE DOWN button is clicked within 1/3d second of releasing the RIT switch. Message 3 is sent if the TUNE UP switch is clicked within 1/3d second of releasing RIT. **Stop, Pause and Beacon Mode:** Once the message has started sending, the paddle can be used to stop, pause or enable beacon mode. Paddle state (open/closed) is tested during letter spaces. **Pause:** Close and hold the Dash Paddle. Message will pause once a character being sent is finished. Releasing the Dash paddle will resume sending of the message. **Stop:** Close and hold the Dot paddle. This will terminate the sending of the message, once a character currently being send it finished. If sending a message in Straight Key mode, closing the SK will also stop the message at the first letter space. **Beacon Mode:** Close and hold the Dash Paddle to pause message. While holding closed the Dash paddle, tap the Dot paddle closed. A "beep" will sound in the side tone and beacon mode initiated. There is a fixed 4 second delay at the end of the message before it starts to repeat. Using the paddle during the pause will terminate the beacon mode and jump directly into keying the rig. Pause and stop functions work as above while the message is being sent. Beacon mode may also be enabled by using the menu switch. Click and hold the Menu switch as the message is being sent as above.