

How to use and care for your H-ITT RF remote MODEL TX3100.

Your remote's unique identification number is labeled on the back of the unit, and also visible inside when the battery door is removed. The TX3100 remote transceiver uses two standard AAA size batteries. To install batteries, slide the battery door back and lift off. Insert two AAA size alkaline batteries observing the polarity shown (the negative end first). The batteries will only make contact when the polarity is correct. Replace the battery door and slide it into the latched position. With the batteries installed, press each data key: the RED indicator should light with each press. The GREEN indicator will light for about 5 seconds when the down arrow key is pressed. If any of these tests fail, be sure the 2 batteries are good, and installed in the proper orientation.

NOTE: When replacing batteries allow 5 minutes before reinstalling new batteries or, alternatively, press a data key with batteries removed (to drain residual circuit power and allow complete reset of circuit) then install new batteries.

There are 31 RF channels that the TX3100 can operate on. The default channel setting is 07, and should only be changed if your classroom base receiver has been changed to a different channel. If the classroom operates on a different channel, your instructor will inform you of the channel number used in that classroom, and you will need to log into that class RF channel before the TX3100 will operate. Once you change the RF channel, the TX3100 will remember this new channel, so if you attend multiple classrooms that have different RF channels you will need to log into each classrooms RF channel. The RF channel is a 2 digit number between 01 and 31.

To change the RF channel:

1. Press and hold the down arrow key until the LED turns from GREEN to RED (about 3 seconds).
2. Enter the 2 digit channel number (Valid channel numbers are 01 through 31), the LED blinks GREEN with each key press
3. Press the down arrow again. If a valid number is entered, after the down arrow is pressed, the RED LED will slow blink until it either acquires the RF receiver (in which case it will fast blink green) OR time out after about 7 seconds then fast blink RED.

When you see the fast green blinks, you are logged in, and can use the remote in that classroom. The remote will remember the last RF channel logged in until you change it, or if the batteries are removed and replaced the TX3100 will revert to the default channel 07.

If you have trouble logging in to the RF channel of the classroom, check the following and retry steps 1-3 above:

- The 2 digit RF channel you are entering is correct for the RF receiver in that classroom.
- The RF receiver in that classroom is powered up, and you are in range (less than 200 feet) of the receiver.
- If an invalid number was entered (i.e. 00 or greater than 31) the LED will immediately fast blink red when the down arrow is pressed.

When using your remote the RED indicator turns on when a key is pressed, and will turn GREEN when your answer is acknowledged by the RF receiver. In most cases acknowledgment is received fast and the RED indicator is just a quick blink. If your response does not register, the RED indicator will remain on for about 1/2 second (try re-submitting your answer again). In typical classroom applications an overhead projector (if provided) can also give you feedback of the status of your response via your assigned ID box. There are several features to your displayed ID box, and your instructor will inform you what to look for in the ID box depending on the type of question or format they are using.

The TX3100 operates in the ISM, 2.4Ghz band so for best reception you should maintain a clear line of sight to the receiver especially in large classrooms. The down arrow key is multifunction and used to set the RF channel, and can enable a receive mode that may be utilized by the H-ITT system. The battery condition is indicated by the red/ green light on the TX3100 becoming dimmer as the battery life gets shorter. A dead battery condition is indicated when the green light blinks green (very dim) after a key press. Note that your response may still be recorded, but installing new batteries is required for reliable operation. A special reset provision is incorporated in your TX3100 in the event you suspect erratic operation or want to revert to factory defaults. To induce this reset, "log onto RF channel 99" as described above. The TX3100 light will blink green 4 times indicating a system reset, and the RF channel will reset to default channel 07.

Fully charged AAA alkaline batteries should last 1 year under typical use. There is a 1 year warranty against manufacturer defects. Return the unit with your receipt to a qualified H-ITT retailer. Remember your TX3100 is an electronic device and should be treated delicately, kept dry, and kept free from static charge.



Model TX3100
H-ITT, LLC
Cocoa, Florida

FCC ID: UH9TX3100

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION. THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

Recommended batteries, 1.5V, AAA size Alkaline, Energizer # LR03-AM4-1.5V or equivalent