

Black Rail remote broadcast unit timer programming

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22 March, 2019

Note, the following directions apply to the [FAVOLCANO CN101 DC 12V 16A Digital Programmable Timer Switch](#).

1. Confirm or update the day of the week and time of the timer.

- a. Visit time.gov for current official time.
- b. If the timer is locked (i.e., there is a \boxtimes icon in the lower left corner of the display), press the C/R button 4X.
- c. While holding the \ominus button, use the D+ button to set the current day of the week day, the H+ button to set the current hour, and the M+ button to set the current minute, as necessary. If no button is pressed for 2 seconds while holding the \ominus button, you will need to release the \ominus button and push/hold it again to further adjust the day of week or time.

2. Set the remote broadcast unit program.

- a. Determine the broadcast sequence to be programmed using the [BLRA Remote Broadcast Unit Sequence List](#).
- b. Every sequence available in step 2a requires scheduling the ON/OFF times for three programs. They do not necessarily occur on consecutive days. When programming a broadcast sequence, pay careful attention to the days of the week and the ON/OFF timing of the three programs.
- c. Consult the [ARU programming calendar](#) for the scheduled ON times of the three programs associated with the relevant sequence and start date of the broadcast sequence. Ensure you are using the programming schedule associated with the start date of the broadcast, not necessarily the current date.
- d. Programming begins by setting the ON time for the first program (i.e., **Program 1**). Press the \textcircled{P} button to advance to the programming interface. The timer display should indicate ON and the number 1.
- e. Repeatedly press the D+ button until the correct day of the week for **Program 1** is indicated.
- f. Set the appropriate ON time for the program using the H+ and M+ buttons.
- g. Press the \textcircled{P} button to advance and set the OFF time for **Program 1**, using an approach similar to that described in steps 2e - 2f. Set the OFF time for 13 minutes after the ON time.
- h. Press the \textcircled{P} button to advance to the ON time for **Program 2**. The timer display should indicate ON and the number 2.
 - i. Repeat steps 2e - 2g to set the ON and OFF day of the week and times for **Program 2**.
 - j. Repeat steps 2h - 2i to set the ON and OFF day of the week and times for **Program 3**.
- k. When finished setting the OFF time for **Program 3**, press the \ominus button to exit the programming interface.
 - l. Repeatedly press \textcircled{P} to cycle through and double-check the days and ON/OFF times of the three programs against the ARU programming calendar.
- m. Repeat step 2l. Seriously...