

X10 Infra-Red Controller (32 IR Commands)



Technical Specifications

Rating Voltage	230V±10%, 50Hz
Operating Power	≤1W
RF Range	≤7m
Vertical Elevation	±22.5°

Features

- Learn 32 infra-red remote controller commands e.g. Power On/Off signal, Vol+/Vol-, etc. which can be activated via an X10 transmitter.
- Blast out pre-programmed infra-red commands when activated.
- Can be used to control most air-conditioners or other infra-red appliances.
- Up to 16 unique X10 addresses can be assigned to this controller; allowing different air-conditioner, fan-coil units, or curtain motors, etc., to be controlled individually.
- Easy set-up and operate.

Set-Up

Preparation

- Press and hold the "Setting Button" for 5 seconds until both the "Red" and "Green" indicators flicker together indicating that the #3011 is in the programming mode.

Programming the X10 Address

- Transmit an X10 address e.g. 'C1 On' to #3011E and when "Red indicator" turns on, the X10 address has been programmed into this unit.

Programming IR commands

- Learn the first IR commands e.g. 'Volume +', by pointing and pressing the original IR remote in front of the #3011E. When "Green indicator" turns on, the first IR commands have been programmed and you can now learn the second IR command e.g. 'Volume -' in the same way. This two IR commands will be associated with the X10 address set. For example, 'C1 On' will trigger 'Volume +' and 'C1 Off' will trigger 'Volume -'.

Next Entry

- Both the "Red" and "Green" indicator flicker together again, you can start to program the next pair of X10 address and IR commands in the similar fashion.
- For example, transmit the next X10 address, C2 (to control Channel+ and Channel-).
- When the "Red Indicator" turns on, you have programmed the 2nd X10 address, and you can now learn the Channel+ IR command.
- When the "Green Indicator" turns on, you can learn the Channel- IR command, etc.
- C2ON will now transmit the Channel+ IR command and C2OFF will transmit Channel-.
- * **The controller will exit the programming mode after 30 seconds automatically or by pressing the "Setting Button" once.**
- * **You do not need to program all 16 X10 addresses at a time, and you can replace the programmed X10 addresses simply by overriding it.**

Deleting individual IR command

- Press and hold the "Setting Button" for 5 seconds until both the "Red" and "Green" indicators flicker together indicating that the #3011 is in the programming mode.
- Transmit an X10 address e.g. 'C1 On' to #3011E. If this X10 address has been previously programmed into the #3011E, the Red and Green Indicators will lit up alternatively twice and thereafter, the Red Indicator will remain ON.
- Press the "Setting Button" to delete the 1st programmed IR command.
- When the "Green indicator" turns on, press the "Setting Button" on again to delete the 2nd IR command.

Erasing All Memory

- Press and hold "Setting Button" for 14 seconds to erase all pre-programmed commands.
- Both "Red" and "Green" indicator flicker together once at the 5th second. Continue holding the "Setting Button" until both the indicators flicker again at the 14th second.

Applications

- Turn on your air-conditioner using X10 commands via your mobile phone while on your way home (Requires the #5000 or #5010 Telephone Responder.)
- Save energy by regulating the air-con in your house using any X10 compatible programmable controller.
- Can also be use to turn On/Off any other infra-red appliances e.g. curtain motors, overhead projectors, etc.

Operation:

- Face the Infra-Red Controller towards the infra-red appliances e.g. air-conditioner, curtain motor, TV, etc
- Use any X10 Transmitter/Controller to trigger the transmission of the infra-red command.
- For example, if the Infra-Red Controller has been programmed with the infra-red On/Off command of an air conditioner unit, and it has been pre-set with an X10 address of 'C1', then simply transmit an X10 signal 'C1 On' to turn on the air-con or 'C1 Off' to turn it off.
- You can also use the button on top of the Infra-Red Controller to trigger the infra-red transmission. Press it once and the 'Red Indicator' turns on and press it again to turn on the 'Green Indicator' corresponding to the Infra-Red 'Turn On' and 'Turn Off' respectively. **(Only valid for the first X10 address)**

Trouble Shooting:

This product is applicable for 38KHz infrared command. It supports the command length under the 250ms. Other commands are not available for the product.

After programming the infra-red commands, you still cannot control the appliance with the X10 command, delete that particular X10 address's IR commands and re-program again.

When green light flashes when learning the infrared command, this means that the learning process has failed. Please try again. If the learning process continues to fail three times, please clear the memory and start the learning process all over again.

If the product still cannot learn certain commands, that means the commands is not supported. Please contact your dealer for assistance.