



IR12T-DC Universal Remote Interface

INSTALLATION & SETUP GUIDE



Package Contents

The following items are included in the package:

- (1) IR12T-DC Universal Remote Interface
- (1) IR receiver "target"
- (1) set of dual IR emitters
- Velcro mounting tape

Also required:

- 12-24V DC power supply. This is packaged separately and included with all Frame My TV Art Covers.

You may also need:

- 3.5 mm mono male-to-male headphone cable if connecting to other equipment with 12 volt trigger input, or other IR distribution system.

Programming IR Codes

Before using your Infrared (IR) remote control and the IR12T-DC to control your TV Art Cover, the interface must be taught the IR signals you wish to use to raise and lower the artwork. First, choose any two buttons on your remote control that you would like to use for "DOWN" and "UP". Please note that the same button cannot be used for both; you must use two separate buttons. See the programming tip below for some strategies on choosing. You are now ready to teach these two commands to the IR12T-DC.

STEP 1 - Initiate Programming Mode

Press and release the red programming button. The orange *IR Learn* LED will light.



STEP 2 - Learn the Down Command

Aim your remote control at the IR target, press and hold the DOWN button until the *IR Learn* LED turns off. The blue *IR Confirm* LED will flicker while the button is pressed to verify the IR12T-DC is receiving the signal. When you release the DOWN button, *IR Learn* will light again. Press and hold the DOWN button once more until *IR Learn* flickers and turns off. When you release the DOWN button, *IR Learn* will light again.

STEP 3 - Learn the Up Command

The process is the same as the DOWN button. Press and hold the UP button until *IR Learn* turns off. When you release the UP button, *IR Learn* will light again. Press and hold the UP button once more until *IR Learn* flickers and turns off. *IR Learn* will stay off and the IR12T-DC is now ready for use.



Please Note: The interface is much more sensitive when in programming mode than in regular use. If the *IR Learn* LED starts flashing and then turns off during programming, it means the IR12T-DC could not recognize a valid IR code. This is almost always caused by interference from sunlight, fluorescent lighting, or other sources hitting the IR target. Care should be taken to shield the target from any possible interference. Also any IR Emitters should be unplugged from the unit during programming, as they may add additional capacitance to the circuit or cause IR feedback.

Programming Tip - What Buttons Should I Use?

In the ideal scenario, your TV remote has discrete power buttons for on and off. Then you simply choose the *Power On* button for UP and *Power Off* for DOWN, and the artwork automatically raises and lowers as the TV is turned on and off. But most TV remotes only have a single *Power* button which toggles the power on and off.

If this is the case, use the *Power* button for DOWN and some other button, *Volume Up* for instance, for UP. This way, you would press *Power* to turn on the TV and the artwork would stay down, so you would press *Volume Up* to raise it. In most cases, the TV would not even respond to the *Volume Up* command for the first few seconds while it is powering up. Now you can use any of the buttons on your remote while watching TV with no effect on the artwork. Then it's just one press of the *Power* button to turn the TV off and lower the artwork at the same time.