



Firmware Updating Process

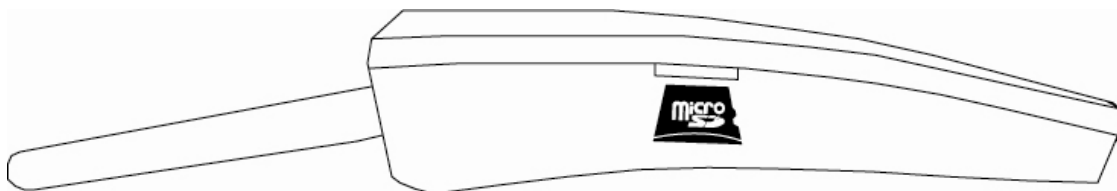


Introduction

The ARC2 remote control can be used to update the firmware of most Astera lights that are equipped with an RF receiver (RF-antenna) and can also update other ARC2 controllers.

Preparation

- Download the .FRM file of the new firmware from www.astera-led.com/downloads
- Copy it onto a micro-SD card (also known as a Trans Flash card) that is formatted with FAT16 or FAT32 (most branded micro-SD cards will have this).
NOTE: There may be different hardware releases of the same light. If the file is not suitable, the light will not accept it.
- Insert the micro-SD card into the ARC2's SD card slot.



- Arrange the lights you want to update and make sure there is a distance of 0.5-5m (2-15ft) between them and the ARC2 controller.
NOTE: Ensure that no interruptions can occur between the antennas during an update. If the transmission is interrupted, the update may stall. If this occurs, they are unusable until the update is complete. This can be done in two ways:
 1. Repeat the update with the ARC2, without turning the lights OFF or ON. They will pick up at the point where the transmission was interrupted.
 2. Turn the lights off and repeat the update from the beginning.

Updating Process

1. Turn ON the ARC2 and make sure the SD-Card is inserted.
2. Choose SETUP > SD card > Firmware Update
3. Choose the suitable file with the + and – keys, then press Enter
4. The LCD screen will show "POWER ON LAMPS". While this is shown on the ARC2, press the ON/OFF button of all lights you wish to update. They will not turn on as usual, instead they will stay in "update mode" (*see table below for more details*)
If a light turns on as usual, either the wireless connection is bad or the .FRM file does not match the light you are attempting to update.
5. When all lights are prepared, press the ENTER key on the ARC2 to start the update.
6. The ARC2's display will show a progress bar. Wait until the update is complete. This will take approx. 30-60 seconds.
7. If the update worked, the lights will turn on again and behave as normal. If a light does not turn on, the update got interrupted.
If this occurs, either repeat the update on the ARC2 (without touching the lights) or turn them all off and repeat the whole process.
If you wish to find out which firmware a particular light is running (only works with lights that have an LCD display); hold the MENU button until you enter the menu, choose INFO, then FIRMWARE VERSION.

List of Lights and Controllers

AC2	Turn the device off, and then plug in the power cord while the ARC2 shows "POWER ON LAMPS". The LCD display and LEDs will stay dark until the update is complete.
AL5	
AL6	
AL7-L	
ART3	
AL1	Turn on normally with the ON/OFF button while the ARC2 shows "POWER ON LAMPS". The power/charging LED or LCD progress bar will indicate that the update is in progress.
AL3	
AL7-XL & XXL	
AX3	
AX7 & AX10	
ARC2	Insert batteries into the ARC2 while another ARC2 shows "SENDING INIT". A flashing LCD backlight indicates that the update is in progress.