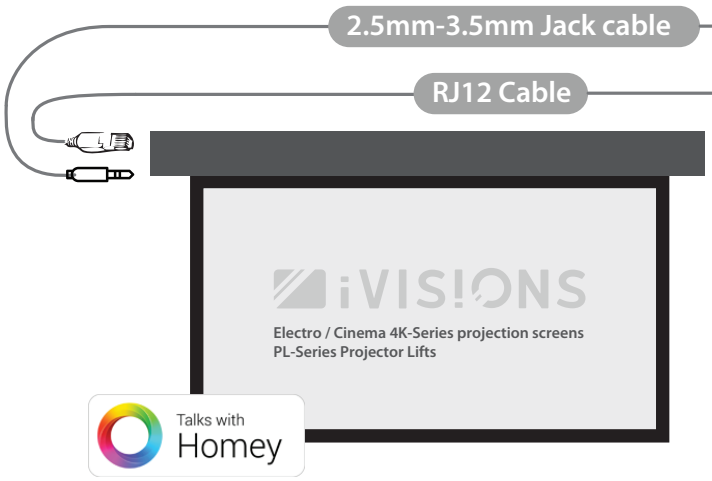
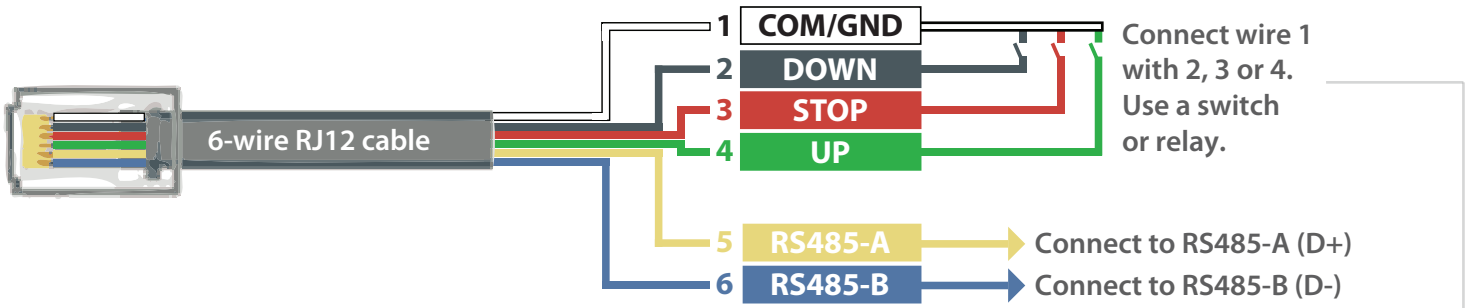
USER MANUAL

Connect your screen (RS232/RS485, Relay, 12V Trigger)



All iVisions motorized projection screens and projector lifts support connection with **RS485, RS232** (using a simple converter) or **relay**. The projection screens can also be controlled with a **12V trigger**, if your projector has a 12V Trigger output.
P.s. the easiest method to automatically control your screen is to use our **iVisions RF Trigger (IV-IVI-RFTRIGGER)**, which will lower your screens wirelessly when your projector starts.

Which cable do I need?
For RS485, RS232 or relay control we advise to use our plug&play "iVisions iViConnect RS232/RS485 Cable 15.0m" (IV-IVI-RS2CBL), which also includes a RS232 converter. Alternatively, use your own RJ12 cable (6-wire).
If you want to use the 12V Trigger, we advise you to use the iVisions iViConnect 12V Trigger Cable 15.0m (IV-IVI-12VTRIGGER).



Using RS232
Use a RS485-RS232 converter. These are inexpensive simple adapters. One is included with our IV-IVI-RS2CBL cable.

RS485 devices may have reversed + and - markings. If not responding try reversing the lines. Swapping polarity will not damage anything.
Use A & B if mentioned.

HEX commands
Use the following commands for RS232 / RS485:

UP:
0xFF 0xAA 0xEE 0xEE 0xDD

STOP:
0xFF 0xAA 0xEE 0xEE 0xCC

DOWN:
0xFF 0xAA 0xEE 0xEE 0xEE

Baud rate: 2400
Data length: 8
Parity: none

If you want to control our products with your own **Home Automation system** or some other custom controller, you can use a simple relay to connect wire 1 to 2-4 (down/stop/up). It can be connected constantly or with a pulse (any length), as long as you don't connect multiple wires simultaneously.