

## ABI-AV1002STR

### SCART-RJ45 CVBS Extender kit with integrated IR-Bus devices & PC1008/DC1005 for central power supply

#### Quick Start Guide

#### 1 Package Contents

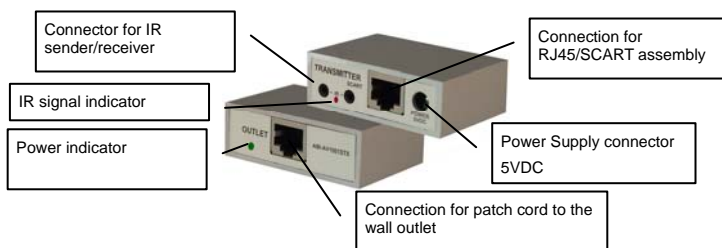
- 1 x Composite Video/Audio transmitter SCART-RJ45 with IR-Bus
- 1 x Composite Video/Audio receiver RJ45-SCART with IR-Bus
- 1 x Shielded OmniMedia patch cord for Comm Center cabinet with power lead
- 1 x Double 5V power feedthrough connector - DIN-rail mount
- 1 x IR-Bus single (LED) Transmitter
- 1 x IR-Bus Receiver - Long Reach - 36kHz (Sky compatible)
- Quick Start Guide

#### 2 Introduction

This Composite Video & Stereo Transmitter and Receiver kit will enable transmission of high quality analogue audio&video signals over a single Cat5/6/7 or OmniMedia cable. The balanced video transmission mode maintains very high picture quality over long lengths of cable and avoids ground loop interference problems. Bidirectional IR passthrough is implemented over the same cable link. Transmitter and Receiver have connectors for IR eye and IR flasher.

Warning! These HQ balanced extenders are NOT compatible with ABI-AS1002S00, ABI-AS1016STR, ABI-EV1017S00 or ABI-EV1018S00.

#### 3 Connectors



#### 4 Power

Load ratio for this module = 0,1.

Maximum allowed load ratio (sum of the load ratios for all modules) for power supply ABI-PS1001S11 = 4.

#### 5 Installation

Power Off the central power supply **ABI-PS1001S11**

##### 5.1 Connection of the audio/video source

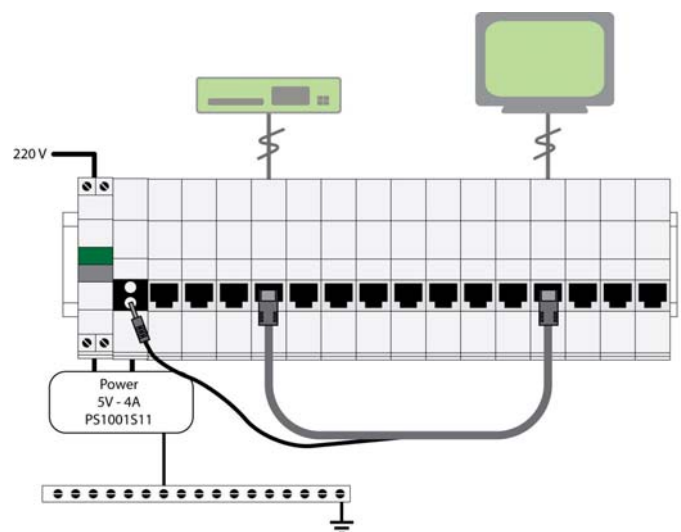
1. Locate the outlet near the AV source you want to connect.
2. Insert one end of a screened RJ45-RJ45 connection cord (e.g. ABI-PC1012S0x, not included) to the 'OUTLET' connector of the AV sender (ABI-AV1001STX)
3. Click the other end of the RJ45-RJ45 connection cord into the wall outlet.
4. Connect the RJ45 'SCART' connector of the AV sender (ABI-AV1001STX) to the scart exit of the AV source using one of the included scart to RJ45 cords.
5. Connect the IR-bus sender to one of the IR ports on the AV sender. Place the IR LED in front of the AV source.

##### 5.2 Connection of the display

6. Locate the outlet near the display you want to connect.
7. Insert one end of a screened RJ45-RJ45 connection cord (e.g. ABI-PC1012S0x, not included) to the 'OUTLET' connector of the AV receiver (ABI-AV1001SRX)
8. Click the other end of the RJ45-RJ45 connection cord into the wall outlet.
9. Connect the RJ45 'SCART' connector of the AV receiver (ABI-AV1001SRX) to the scart input of the display using one of the included scart to RJ45 cords.
10. Connect the IR-bus receiver to one of the IR ports on the AV receiver. Place the supplied IR receiver in such a way that it is visible for your infrared remote control.

##### 5.3 In the patch cabinet

11. Use the included patch cord to make a connection between the connectors that correspond to the wall outlets where you have connected the AV source and the display.
12. Connect the power lead of this patch cord to the 5V feed through connector. If you are using a power supply ABI-PS1001S00, you first need to mount the included 5V power feed through and connect it to the power supply.
13. Switch on the power. The power indicators of the AV sender and receiver will light up. The infrared LED indicator on the IR sender/receiver lights up or flashes when it receives an infrared signal.



## 6 Troubleshooting

- ***There is no video nor audio***

Check the SCART connection of the AV sender on the AV source.

Check the SCART connection of the AV receiver on the display.

Check all the connections and power supply.

Check in the AV source menu if the SCART output is configured for composite video (CVBS).

- ***There is only audio but no video***

Check the power supply.

Verify whether the SCART input on the display is configured for composite video (CVBS).

- ***Black and white image – sound works correctly***

The SCART output of the AV source is probably set to RGB. This should be changed to composite video (CVBS).

- ***The remote control is not working***

The 'IR' indicator lamp on the transmitter or receiver is constantly lit (when remote control is not used): The IR EYE may have interference, move it until the indicator goes out.

The indicator never lights up: Check the power supply. Check all the connections.

The indicator blinks when the remote control is being used, but nothing happens: Check the location/position of the IR Flasher at the AV source.