

RS485 or RS232 Selection Instructions

Notes:

This procedure is only available on units sold during or after July 2012. Units purchased prior to this can have the output changed, but will need to be returned to Videosys Broadcast and may be subject to engineering charges.

Users who follow this procedure do so at their own risk. Videosys Broadcast cannot be held responsible for any personal injuries, damage to third party or Videosys Broadcast equipment as a result of using this guide.

This guide is for units that DO NOT have an FSK option card fitted. Output selection for these units are done via the system menu on the front panel.

IDU Guide:

Disconnect the IDU from the Power supply and all connected devices.

Remove the 13 screws from the top plate of the IDU, revealing the main PCB.

Locate the output select switch, close to the Data and USB connectors at the rear of the unit.

Place switch into required position, as indicated on the PCB and shown in Image1 below.

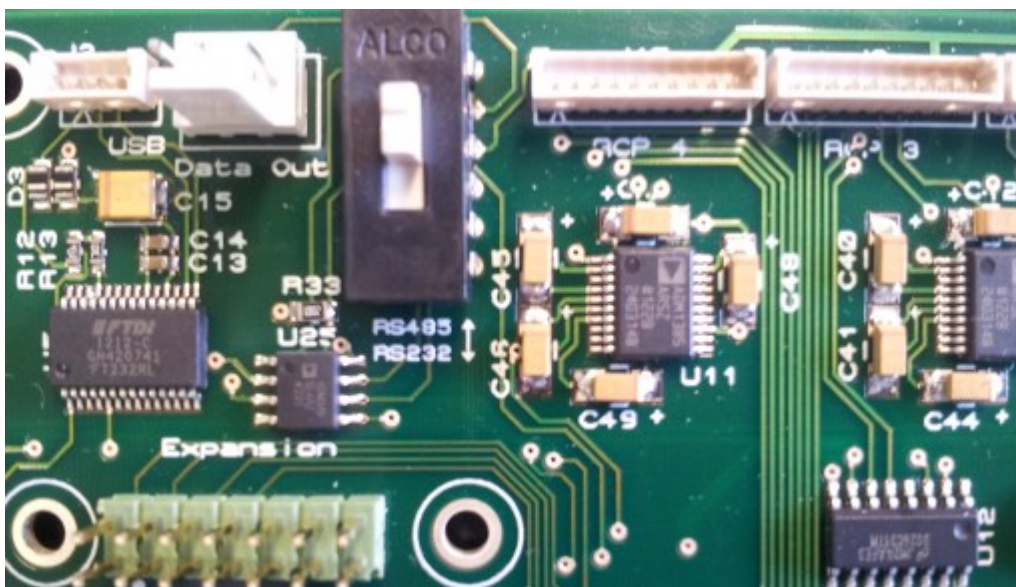


Image1

Replace the lid and screws on the unit.

ODU Guide:

Disconnect the ODU from the Power supply and remove the data cable.

Loosen the 4 captive screws on the front of the ODU until the front plate can be removed.

Locate the output select switch, close to the DC input on the bottom of the unit.

Place switch into required position, as indicated on the PCB and shown in Image2 below.

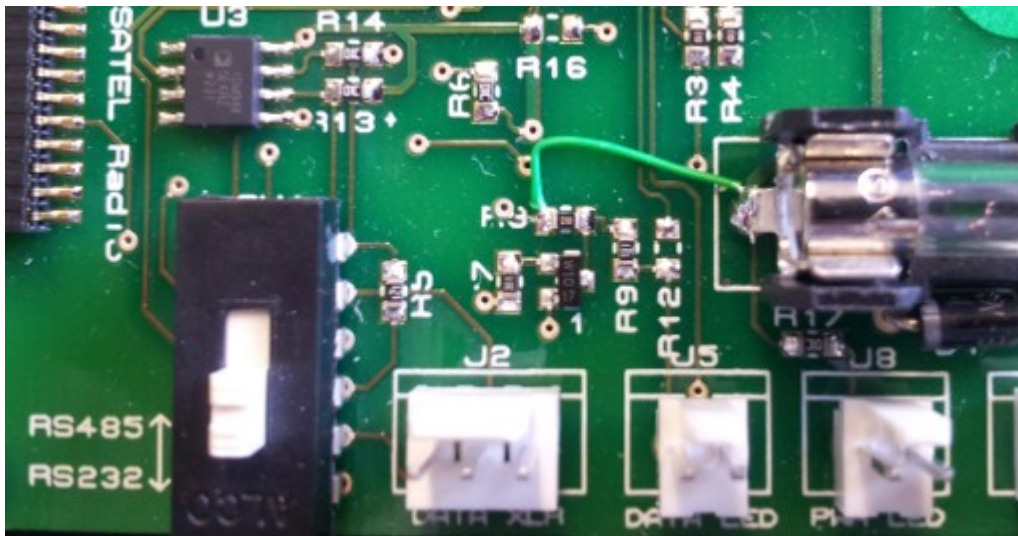


Image2

Replace the front of the ODU and tighten screws ensuring a water tight seal.

XLR Data Pinouts and Specifications:

Please refer to pin numbers on XLR pins/sockets to ensure correct wiring.

RS485: IDU and ODU

Pin 1	Ground
Pin 2	485 A (-)
Pin 3	485 B (+)

RS233: IDU

Pin 1	Ground
Pin 2	232 TX (out)
Pin 3	232 RX (in)

ODU

Pin 1	Ground
Pin 2	232 RX (in)
Pin 3	232 TX (out)

When operating in both RS485 and RS232 Modes, the system is half Duplex, 9600 Baud, 8 data Bits, No Parity and has 1 stop bit.