



eubus MSU-8x8 – Matrix Switch Unit

Operating Hints

The eubus MSU-8x8 RF Matrix Switch Unit independently connects 8 RF inputs to 8 RF outputs (blocking configuration). The connection scheme is freely programmable by an easy adjustable knob per port or via Ethernet by simple commands.

This electronically controlled RF Switch Matrix can replace classical complex RF Patch Panels.

The frequency range is 0.38-2.5GHz or 0.7-6.0GHz



MSU-8x8 Matrix Switch Unit with N(f) connectors on front.

Manual Operation:

1. Turn knob on the side (Port) you want to begin your connection until the desired connector number appears, then press knob.
2. Turn knob on the other side (Port) until the desired connector number appears, then press knob.

This can be done from Port 1 to 2 or also from Port 2 to 1.

Example:

You want to connect Port 1, Connector #2 to Port 2, Connector #4:



Turn, then press knob
Then connector number under "PORT 1" changes to |2|



Turn, then press knob
Connection 2 <----> 4 is now established.

If a connection is already established and you want to connect to an already used connector, this is displayed on the left or right side of the display as a warning.

If you nevertheless connect to this connector number, the "old" connection will be broken and the "new" connection is established.

Ethernet Remote Operation:

Change Connections via Telnet:

con [C1] [C2] Connect [Connector Port 1] [Connector Port 2]

con ? Displays all connections set

Example:

con 3 5 Connects connector #3 on port 1 to connector #5 on port 2