

EA 915x

DSP telephone hybrid

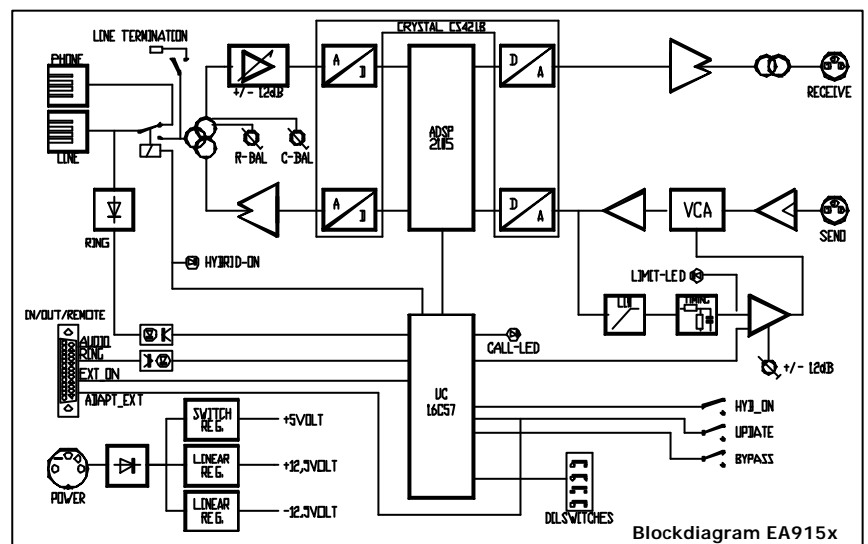
Product Information

The EA915x is the universal interface between an audio mixer and an analogue telephone line, providing the highest possible quality and reliability. The EA915x uses a 16 bit Digital Signal Processor to reduce the crosstalk to a minimum.

This hybrid has a remote control input to control it directly from an audio mixing console such as the Eela Audio S340, S440 and LOGOS mixing consoles.

EA915x features:

- No need to open the unit for configuring or installing;
- 1 to 1 connection possible with LOGOS mixing console via sub-D25;
- XLR type input and output connectors available for connection to a non-Eela Audio mixing console;
- Possibility to remotely use the update function of the hybrid;
- 4 wire communication possible;
- Line termination circuit for voltage-adjustment on telephone line;
- Dillswitches reachable on rearside of the unit.



Technical specifications:

Send:

Send input sensitivity: -6dBm ... +18dBm.
 Send gain adjustment range : +/- 12dB.
 Limiter threshold : +6 dBm.
 Output noise : < -70 dBm.
 Distortion : < -60dB.
 Input impedance : 20 kOhm electronically balanced.
 Input balance : < -40 dB.

Receive:

Receive output level : -24dBm...0dBm.
 Receive gain adjustment range : +/- 12dB.
 Output noise : < -60 dB.
 Distortion : < -60 dB.
 Output impedance : < 50 Ohms, transformer balanced.
 Output balance : < -40dB.

General:

Line Impedance : 600 Ohms.
 Maximum level to telephone line: -3dBm.
 Distortion : < - 50dB.
 Hybrid damping: >40dB (average).
 Dimensions : 19 Inch, 1U high
 Input : 18 Volts AC via included mains adapter.
 Power consumption : 4 Watts.