

The central control unit PT 820 M



The M-system's central control unit is the **PT 820 M**. It contains a highly impressive pre-amplifier based on the R-series pre-amplifiers, one of the best tuner modules to be developed over the last few years, a VFD display screen which is used by the whole system, and all the logic for the remote control system.

The LF signals are brought in via high-quality input and output stages fitted with gold-plated Cinch inputs. The volume control is based on a precision electronic level controller, as usually only found in professional equipment.

Twelve gold-contact relays switch close-tolerance metal film resistors in 1.5 dB steps to provide absolutely precise volume control with perfect matching between channels. The first-class MM or MC phono modules designed for the R-series can be installed on request.

Specifications

Tuning range FM 87,5 – 108 MHz

Sensitivity

mono, S/N = 26 dB 0,9 uV

stereo, S/N = 46 dB 28 uV

Overload margin > 110 dB

Attenuator (local, DX) dynamisch, schaltbar

Tuned RF stages 4 x Quarz PLL, digital

Selectivity, (df = 300 kHz) N/W 80 dB/60 dB

Stereo crosstalk attenuation (1 kHz) > 40 dB

MPX filter 19 kHz + 38 kHz

Distortion 40 kHz deviation, stereo wide < 0,11%

stereo narrow < 0,19 %

mono narrow < 0,11 %

Signal: noise ratio (A-weighted) m/s > 79 dB / 72 dB

Frequency response +/- 1,5 dB 5 Hz – 15 kHz

Output voltage (75 kHz deviation) 1 V eff

Output impedance 50 Ohm

RDS display Stationname, Radiotext

Mains supply 110 V or 220 / 240 V, 50 Hz über PA 80 M

Dimensions 8 x 30 x 30 cm

Weight 5 kg

Colours Black aluminium, silver aluminium, chrome (Non-standard version)

Remote control incl.

We reserve the right to alter technical specifications.

