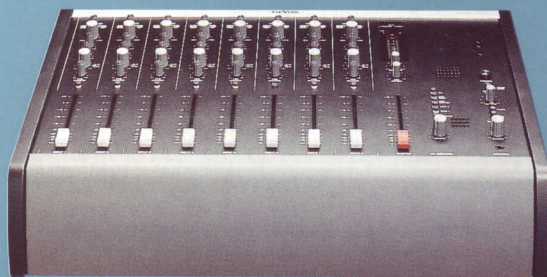


MR 8 • RECORDING CONSOLE

PROFESSIONAL SERIES



- suited for professional audio recording and production applications
- 8 inputs: line balanced, stereo line unbalanced, microphone
- comprehensive connecting choices for easy equipment integration

REVOX®

The REVOX MR 8 • Recording Console

GENERAL

Applications: due to its compact design, transportability and ease of use, the REVOX MR 8 is eminently suited for

- Concert recording
- Film or video dubbing
- Broadcast in-house as well as OB applications
- DJ mixing console for small community radio studios
- Small in- or outside PA-systems
- Effect or monitor mixing console; interface between semi and full professional equipment
- Allrounder in everyday professional productions

Ease of use: from installation to operation minimum training and familiarization are required

- Functional layout minimizes erroneous operation

Ergonomic design: due to ergonomic and functional aspects, even professionals under stress will feel comfortable with the REVOX MR 8 Recording Console

- Meter section is offset to the right where it is not concealed by the microphone

Custom adaptation/options: the REVOX MR 8 is flexible

- Phantom 48 V supply
- Bus coupling for input expansion (2 x MR 8)
- Remote channel control (VCA interface)

Maintenance, the REVOX MR 8 is designed for minimal maintenance

- Simple and quick access to all circuit modules
- Very short MTTR (mean time to repair) cuts service costs

Mono / stereo input module

Universal input module with electronic click-free selection of three or four different types

- Microphone input, balanced, input sensitivity adjustable from -60 to 0 dBu. RF filter for suppressing high-frequency stray pick-up
- Switchable high pass filter (bass cut), with a cutoff frequency of 70 Hz and a slope of 12 dB/octave
- Switchable 48 V microphone phantom supply

- Line input mono, electronically balanced, input sensitivity adjustable from -20 to +16 dBu

- Line input stereo, unbalanced, convertible with corresponding cable connection to electronically balanced stereo input

- VCA channel control with 100mm movement of a linear fader with dB-linear control characteristics

- Prefader listening channel, switchable to the PFL bus via self-locking push button

- Equalizer for bass and treble control, ± 15 dB, with shelving characteristics

- Fader start facility

- combined balance/panorama potentiometer

- AUX output, switchable to pre or post fader, connected via potentiometer to the AUX bus

Master output module

- VCA-controlled stereo master output, electronically coupled.

- Linear fader with 100mm travel movement



for professional heavy-duty use.

- Three output configurations:
Balanced and floating master output via XLR sockets, nominal output level adjustable in three steps: +6 dBu, +10 dBu or +14 dBu
Electronically balanced master output via XLR sockets with same nominal output levels as above
Unbalanced master output via cinch sockets. Nominal output level adjustable in three steps: 0 dBu, +4 dBu, +8 dBu
- AUX output, electronically balanced, controllable with rotary potentiometer AUX SEND
- Output meter, stereo bargraph meter with PPM characteristics.
24 LED array
- Operates as an output meter for a signal selected with the source selector (CR MONITOR), or as
- Correlation meter for stereo programs (M and S signals)
- AUX return input, stereo input on master bus. Balanced and floating, with channel coupled input level control

Monitor section

Section for controlling the monitor speakers via a stereo output stage

- Built-in control speaker and stereophonic headphones output with adjustable volume
- DJ mode (switchable) mutes the monitor speakers as soon as selected microphone input is opened
- Monitor source selector for high-level inputs (TAPE 1/TAPE 2), AUX RETURN input, AUX output, MASTER output as well as the PFL bus
- Talkback facility
Built-in talkback microphone with level control and selective connection to the AUX bus or to the master bus, activated by depressing two controls simultaneously (SLATE)

TECHNICAL DATA (preliminary)

Inputs	Impedance:	MIC:	> 1.2 kOhms
		LINE/STEREO/AUX RETURN:	47 kOhms
	Control range for 0 dB on the peak-meter:	GAIN MIC:	-66 ... -6 dBu
		GAIN LINE:	-26 ... +10 dBu
Outputs		AUX RETURN:	-12 ... +18 dBu
	Maximum input level (THD ≤ 1%):	MIC:	-2 dBu
		LINE, AUX RETURN:	+18 dBu
	Impedance:	MASTER, balanced:	< 50 Ohms
		MASTER, unbalanced:	< 1 kOhm
		AUX SEND:	< 50 Ohms
	Output level at 0 dB on peak-meter:		
	AUX SEND		+ 6 dBu
	MASTER, unbalanced		0.775/1.25/2 V
	HEADPHONES		+6 dBu
	Maximum output level:	MASTER, balanced:	+24 dBu
		MASTER, unbalanced:	+20 dBu

Frequency response

Linear (HF, LF in center position):	20 Hz ... 20 kHz	±1 dB
BASS CUT:	12 dB / octave, -3 dB point @ 70 Hz	
HF (Treble):	Attack point:	1 kHz
	Boost/cut @ 20 kHz:	±15 dB
LF (Bass):	Attack point:	1 kHz
	Boost/cut @ 20 Hz:	±15 dB

Signal-to-noise ratio (all values are weighted "A")

1 x MIC (termination = 200 Ohms):	> 65 dB @ -60 dBu input voltage
1 x LINE (termination = 1 kOhm):	> 86 dB @ -6 dBu input voltage
MASTER fader closed:	> 98 dB

Harmonic distortion

MIC (-20 dBu input):	< 0.03% @ 1 kHz / < 0.15%, 30 Hz ... 15 kHz
LINE (0 dBu in/+6 dBu out):	< 0.03% @ 1 kHz / < 0.15% @ 20 Hz ... 20 kHz

Crosstalk (all values @ 10 kHz)

Channel separation	STEREO left/right	> 50 dB
Switch-off attenuation	INPUT	> 86 dB
	MASTER	> 100 dB

Indicators

stereo peak meters with 24-segment bargraph

Power supply (voltage selectable)

100/120/140/200/220/240 VAC (±10%), 50W, 50 ... 60 Hz
detachable power cord, 2-prong connector

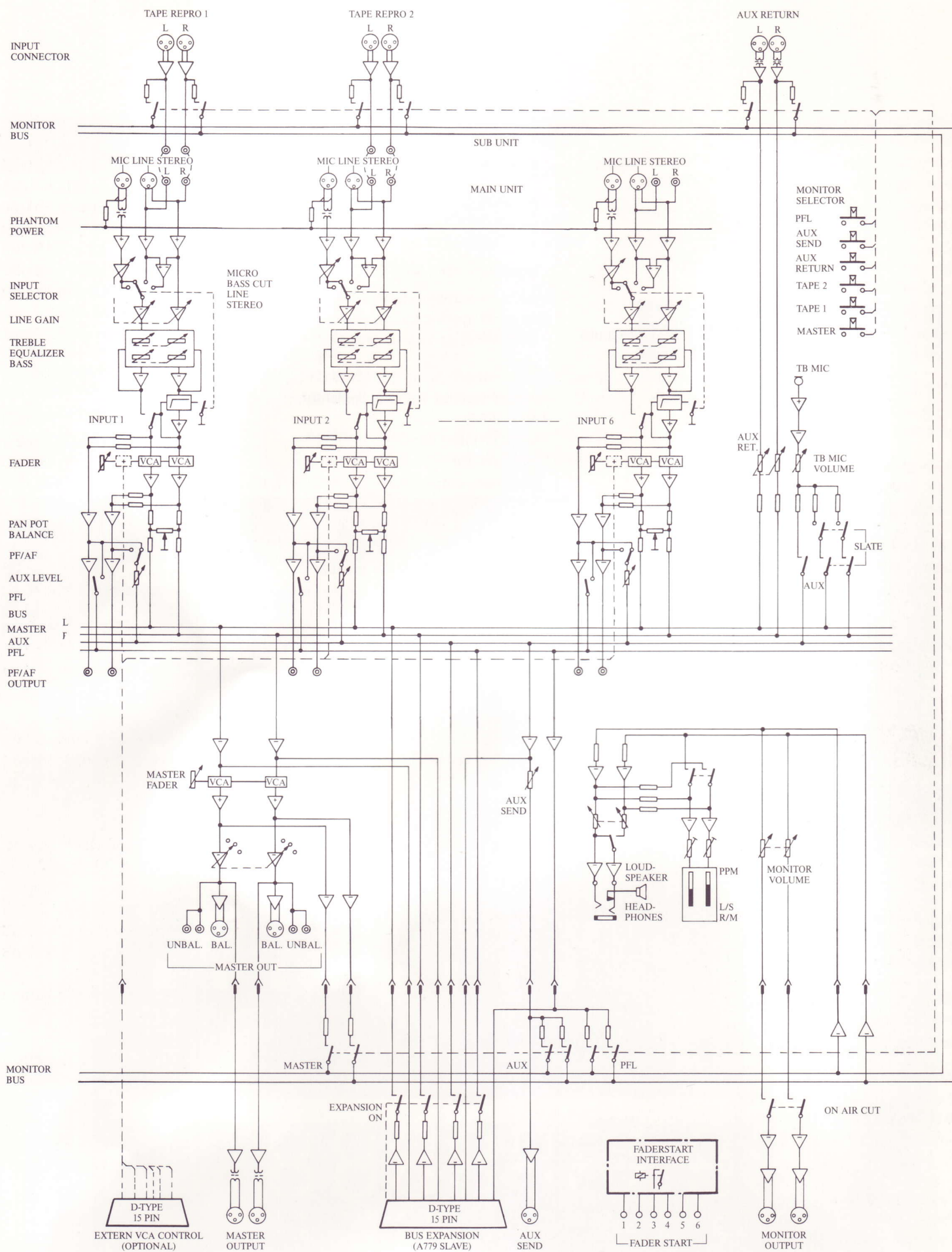
Weight:

net approx. 11kg

Dimensions (W x H x D):

558 x 160 x 367 (mm)

Subject to change



REVOX®

Argentina: Buenos Aires, Tel. (1) 311 25 74 • **Australia:** Chatswood, Tel. (02) 417 4700 • **Austria:** Wien, Tel. (01) 47 34 65
Belgium/Luxemburg: Houthalen/B, Tel. (011) 52 58 58 • **Brazil:** Rio de Janeiro (Pro), Tel. (021) 622 2844 • **Canada:** Toronto, Tel. (416) 510 1347 • **Chile:** Santiago, Tel. 246 23 33
Denmark: Rødovre, Tel. 36 72 11 12 • **Finland:** Helsinki, Tel. (0) 755 7711 • **France:** Paris, Tel. 47 23 55 88 • **Germany:** Löffingen, Tel. (07654) 803 0 • **Greece:** Athens, Tel. (01) 603 667 • **Holland:** Heijen, Tel. (08851) 96 260 • **Hong Kong/Philippines:** Hong Kong, Tel. 898 93 66 • **India:** Bombay, Tel. 636 17 73 • **Italy:** Settimo Milanese, Tel. (02) 33 50 08 10 • **Japan:** Tokyo (Pro), Tel. (03) 3465 22 11 • **Mexico:** Mexico, Tel. 559 76 77 • **Norway:** Oslo, Tel. (02) 289 490 • **Poland:** Gdansk, Tel. (058) 47 94 00 • **Portugal:** Oeiras, Tel. (1) 443 59 30 • **Singapore/Malaysia/Indonesia:** Singapore, Tel. 250 72 22 • **Spain:** Madrid, Tel. 519 24 16 • **Sweden:** Solna, Tel. (08) 730 02 80 • **United Kingdom:** Thatcham Tel. (0635) 876969
USA: Nashville, Tel. (615) 254 56 51 • **Venezuela:** Caracas, Tel. 985 40 03 • **Head office:** REVOX, Althardstrasse 146, CH-8105 Regensdorf, Tel. (01) 870 77 11.

® REVOX is a registered trade mark of STUDER REVOX AG Regensdorf. 1992, Copyright by STUDER REVOX AG, CH-8105 Regensdorf/Zurich. Printed in Switzerland, 10.29.5300 (Ed 03/92)