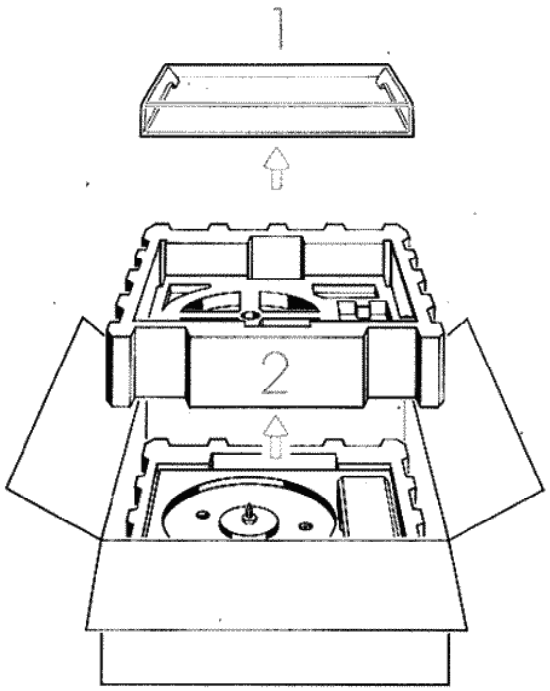
STUDER REVOX

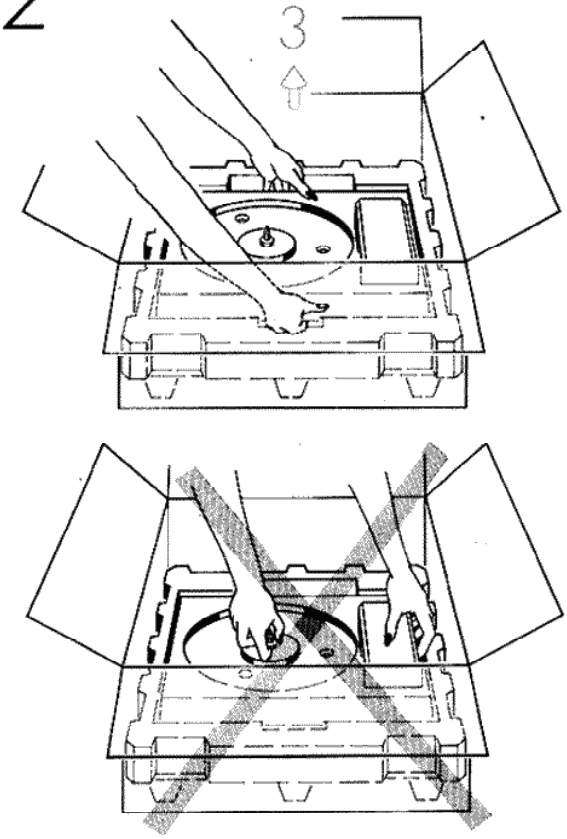
B795



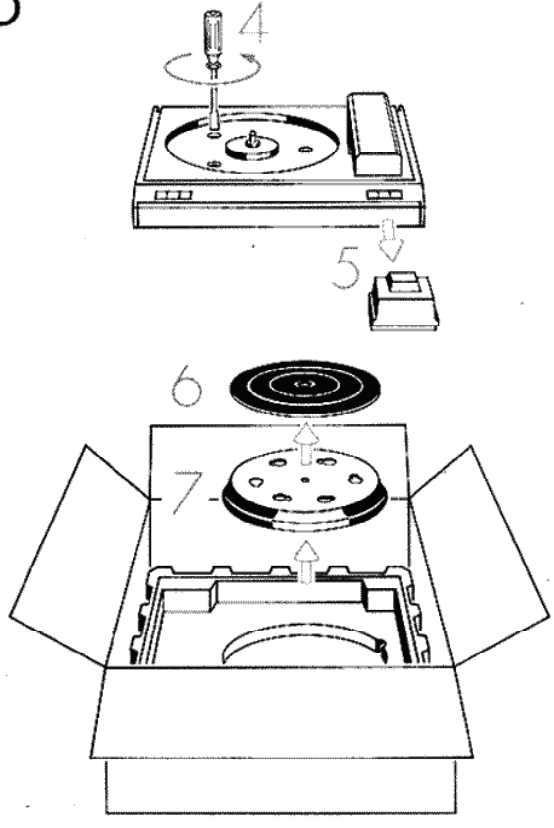
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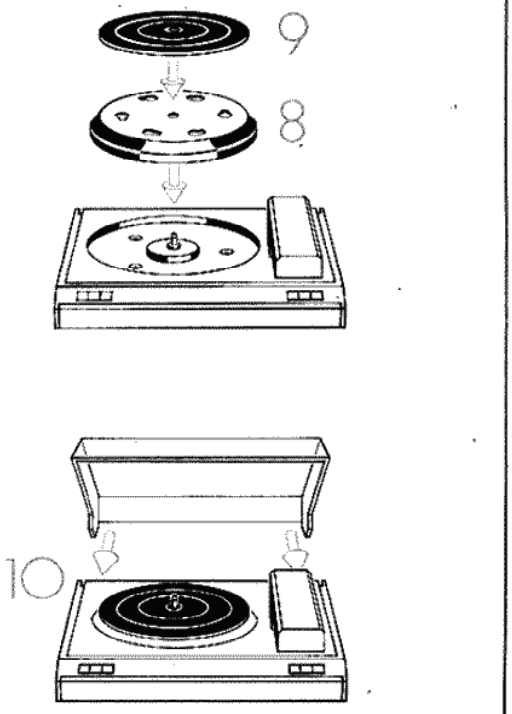
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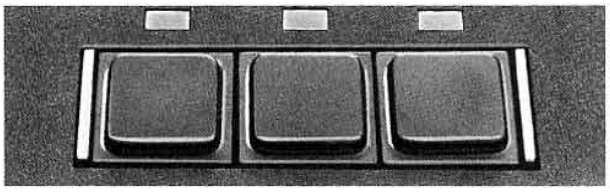
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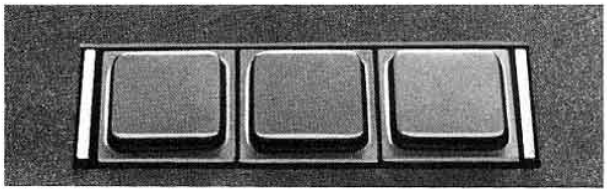
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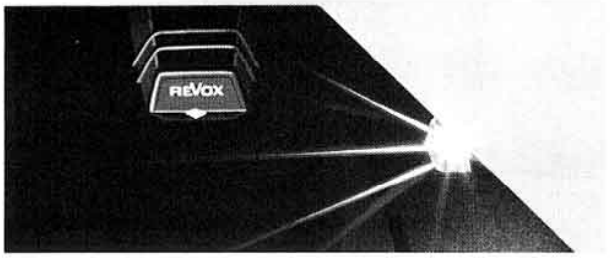

POWER
33
45
REVOX
B795 · DIRECT DRIVE TURNTABLE



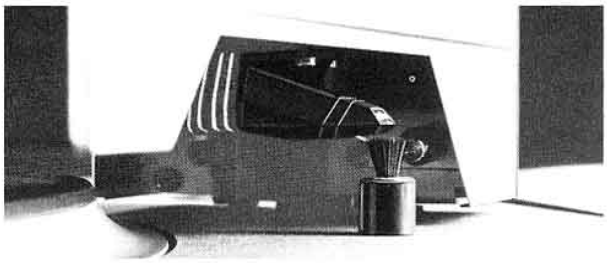
Push button POWER
Push button "33"
Push button "45"



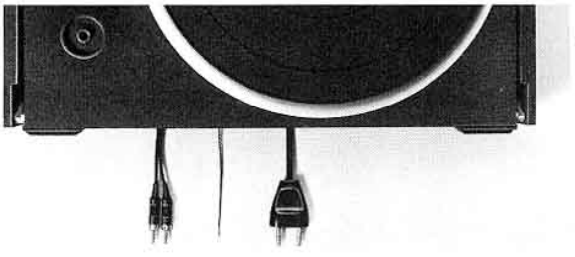
Push button ◀ inward movement
Push button ▼▲ lowering/lifting
Push button ▶ outward movement



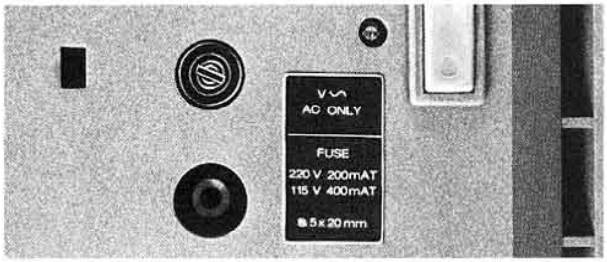
Phono cartridge / Stylus unit
Stylus illumination



Stylus brush



45-rpm adapter
Audio cables
Ground wire
Power cord



Electrical fuse

IMPORTANT NOTES

Protect your turntable from excessive heat and humidity. Install it in a manner which ensures the free convection of air through the ventilating louvers.
There are no user serviceable parts inside the equipment, however, should it become necessary to open the turntable, it must first be disconnected from the electrical current supply. Be sure to connect the unit to AC (50...60 Hz) mains supplies only. For operation on different supply voltages, a wire jumper on the power transformer has to be resoldered to cover the nominal voltages of 100/110/120 V or 200/220/240 V.
Before putting the equipment into operation, do not forget to loosen the three transport screws (figure 3, inner page of the cover).

WARRANTY

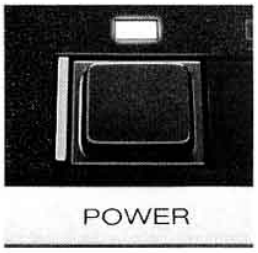
For equipment purchased in Belgium, the Federal Republic of Germany, Austria and France a special warranty application card is either contained in a plastic envelope attached to the outside of the packing carton or is enclosed with the equipment. If this card is missing, please request it from your dealer. Complete the warranty application card and return it to your national distributor who will then send you your warranty card.

For equipment purchased in Switzerland, the warranty responsibility rests with your dealer. Please note that the warranty is not valid outside the country of purchase.
The warranty will be voided if the unit is tampered with or serviced by unauthorized personnel.

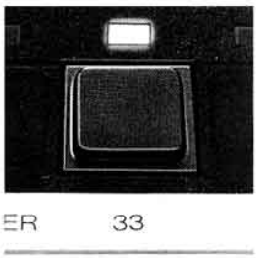
PACKING MATERIAL/TRANSPORT

Do not destroy the original packing. If you ever have to transport your equipment, this special packing will provide the best possible protection for your valuable turntable.
When transporting the turntable gently tighten the three transport screws (figure 3, inner page of the cover).

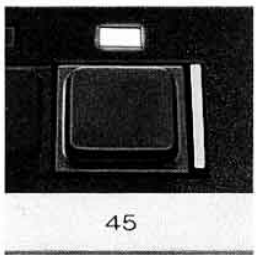
OPERATING CONTROLS AND ELECTRICAL CONNECTIONS



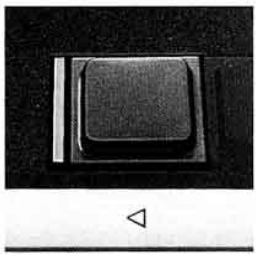
Push button POWER
By pressing this push button, the electric current supply is switched on. The pilot light POWER becomes luminous. By pressing this push button a second time, the electric current supply will be switched off again.



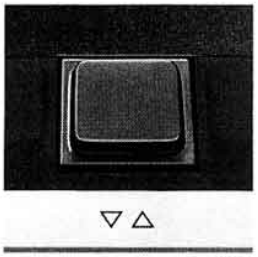
Push button "33"
The operation of this button selects the quartz referenced platter speed of 33.33 rpm. The Light Emitting Diode (LED) above this button becomes luminous when the platter has reached its nominal speed.



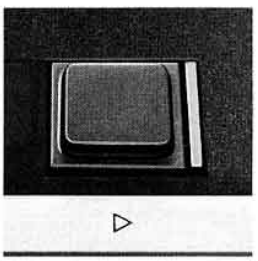
Push button "45"
The operation of this button selects the quartz referenced platter speed of 45.00 rpm. The LED above this button becomes luminous when the platter has reached its nominal speed.



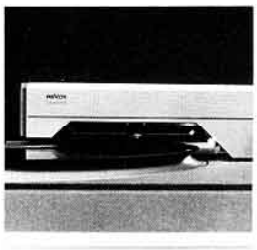
Push button ◀ inward
By pressing this button, movement of the cartridge towards the center of the turntable is effected, provided the arm support is swung into its operating position. A slow movement is effected by just tapping the button, continuous pressing will result in rapid movement.



Push button ▼▲ lowering/ lifting
The operation of this button enables the lowering or lifting of the cartridge at any desired point of a record.



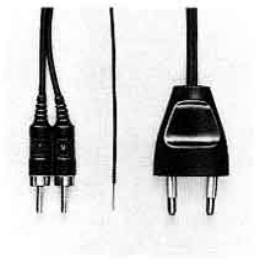
Push button ▶ outward
By pressing this button, movement of the cartridge towards the rim of the turntable is effected, provided the arm support is swung into its operating position. A slow movement is effected by just tapping the button, continuous pressing will result in rapid movement.



Linatrack® tone arm support
Turn the swivelled tone arm support over the disk on the platter. Located underneath the cover of the tone arm support is the just 1½ inch (40 mm) long linear tracking tone arm.



45-rpm adapter
This adapter is provided for the playing of 45 rpm records (singles) with large center hole.



Audio cables
The cables are equipped with phono plugs for connecting to the phono input of the amplifier. The plugs are marked with "L" for the left channel and "R" for the right channel.

Ground wire

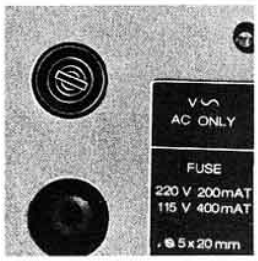
Power cord



Pick-up cartridge in the linear tracking tone arm
The cartridge is factory adjusted. If you intend to install another cartridge, enquire at your dealer about the availability of the required installation kit.



Stylus brush
Wipes off dust particles from the stylus when swivelling the arm support into the operating position.

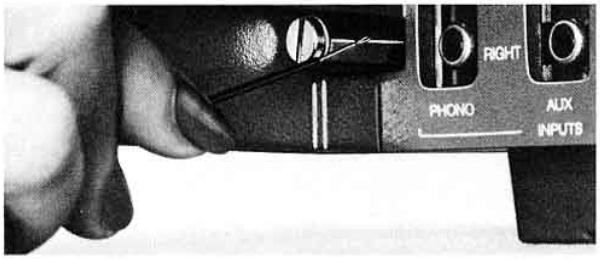


Fuse
100...120 V: 0,4 AT slow-blow
200...240 V: 0,2 AT slow-blow

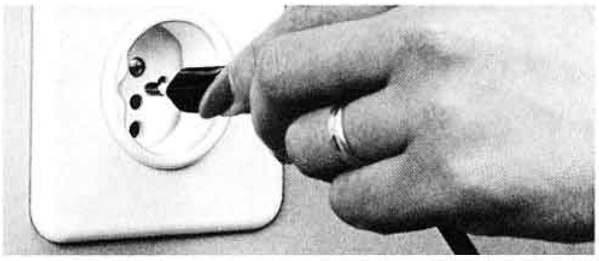
PUTTING THE TURNTABLE INTO OPERATION



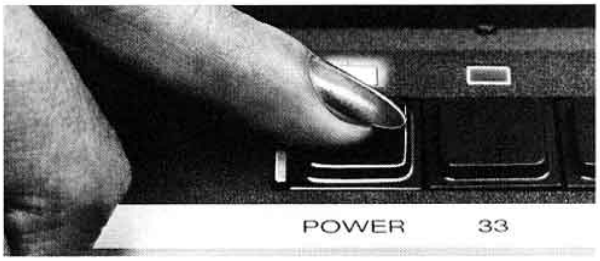
Audio connections
Connect the audio cables to the phono input of your amplifier/receiver.
L = left channel
R = right channel



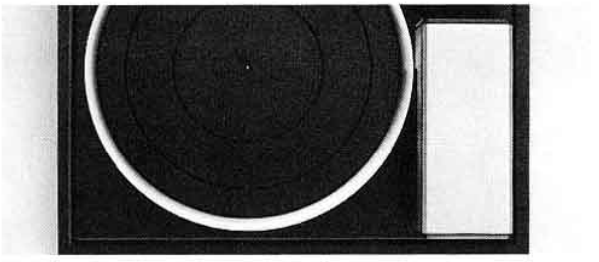
Ground wire
To avoid hum interference, connect the ground wire to the ground terminal (screw) on your amplifier/receiver.



Power cord
Connect the power cord to the AC power outlet.



Switching on
Press button POWER to switch the turntable on.



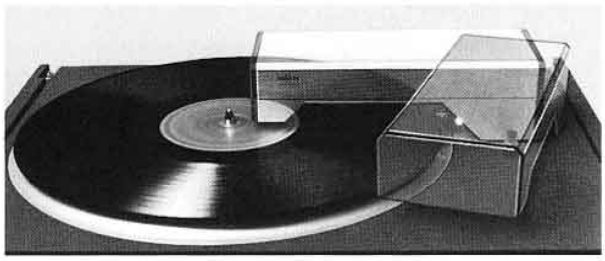
Swivelled tone arm support
In its rest position the swivelled tone arm support points forward; it is swung away from the platter. In this position the tone arm controls ◀, ▼▲, ▶ are ineffective.



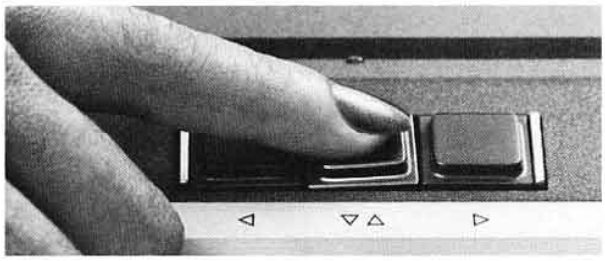
Switching off
To switch off the turntable, press the button POWER.



Playing a 33-rpm record
Place the record onto the platter and press the button "33".



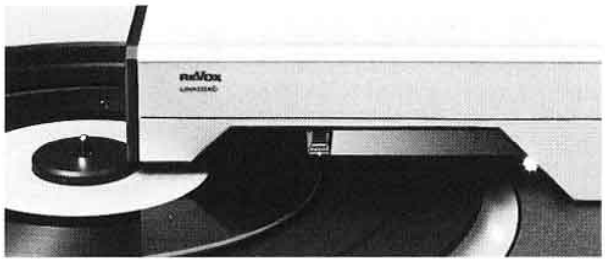
Swivel the tone arm support over the record until it locks into a detent. The stylus illumination will thus be switched on automatically and the platter begins to rotate. As soon as the platter has reached nominal speed the LED 33 becomes luminous.



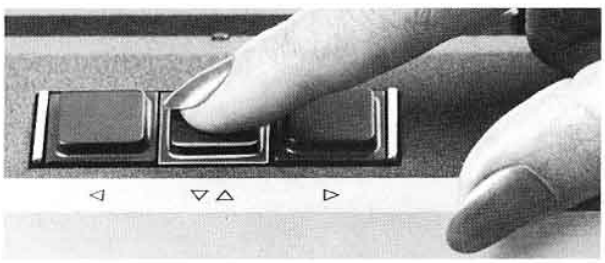
Press button ▼▲ lowering. The tone arm lowers itself onto the record and the stylus illumination is switched off automatically.



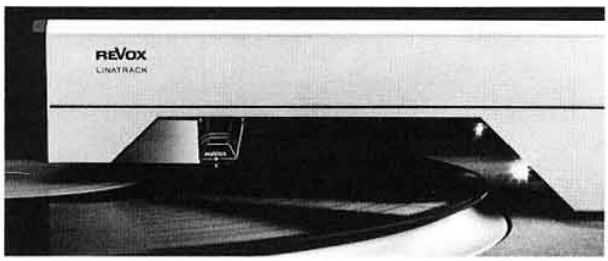
Playing a 45-rpm record
If the record possesses a large center hole, first place the adapter and then the record onto the platter.
Swivel the arm support over the record until it locks and press button "45".



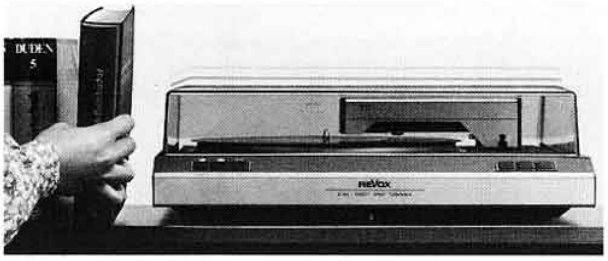
Press the button ◀ (inward) and keep it depressed until the tone arm has been transported over the record's run-in groove.



Press button ▼▲ (lowering).
At the end of the record, the arm will lift and return automatically to its start position.



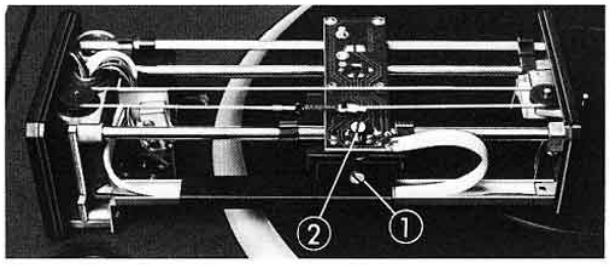
Tone arm control
When the tone arm has reached the end of a record (run-out groove) it gets transported automatically to its start position. This sequence may be interrupted by pressing the button ◀.
The buttons ◀ and ▶ may be pressed at any time, even in the midst of playing. They effect automatic lifting of the arm followed by its transportation in the desired direction.



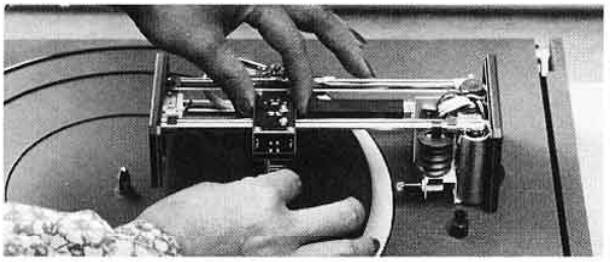
Automatic control functions
When reaching a record's run-out groove or when swivelling the tone arm support away from a playing record, lifting of the tone arm is effected and this is followed immediately by its return to the start position. After the tone arm has arrived at its start position the platter motor becomes switched off. By pushing the button ▼▲ playing can be initiated again at any time. The design of the tone arm and the floating chassis is highly insensitive to vibrations and mechanical shocks.



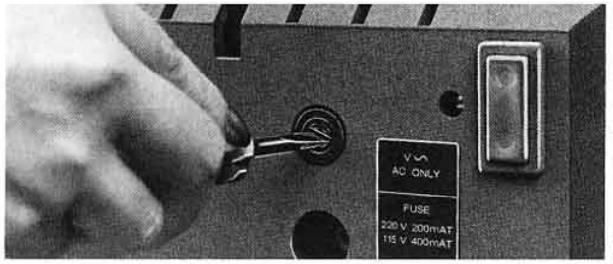
Removal of cover from the arm support
For removing the cover from the arm-support, first transport the cartridge to a half-way position then switch off the electric current supply. Swivel the arm-support away from the platter to its rest position. Reach under the sides of the cover and while gently pulling the sides outwards lift the cover away from the arm-support.



Tracking force/limit of vertical movement
Tracking force is optimized by factory adjustment (screw ①).
Vertical movement is also limited by factory adjustment (screw ②). The stylus can not touch the rubber mat.
Should adjustments become necessary follow the instructions supplied with the REVOX installation kit.



Stylus replacement
First remove the cover from the arm-support. With thumb and index finger of one hand take a firm grip on the black part of the cartridge and carefully pull off the stylus unit with your other hand.
When inserting the new stylus unit hold the black part of the cartridge firmly while carefully pushing the stylus unit into place.



Replacing a blown fuse
To replace the fuse, the turntable must first be disconnected from the electric current outlet. Next, lift off the platter from the drive motor and tighten the three transport locking screws. Lift complete turntable on one side to make it stand on the opposite side. Unscrew the fuse cap and replace the defective fuse. The required fuse ratings are listed in the technical data section. After replacement of the fuse, proceed in reversed order of the steps described above to make the unit operational again.

TECHNICAL DATA

Turntable drive:	Quartz referenced direct drive
Turntable speeds:	33.33 and 45.00 rpm
Speed accuracy:	0.01%
Platter (Turntable proper):	Diameter 12.32 inches (313 mm)
Weight (Mass):	4 lbs. 10 ozs. (2.1 kg)
Run up time:	better than 2 seconds at 33.33 rpm
Braking time:	better than 2 seconds from 45 to 33.33 rpm
Wow and flutter*:	
weighted:	better than 0.05%
linear:	better than 0.1 %
Rumble to signal ratios**:	better than 48 dB (DIN 45539 A weighting) better than 50 dB (DIN 45539 A weighting plus 20 Hz high pass) better than 70 dB (DIN 45539 B)

Tone arm:	linear tracking tone arm with servo-electronic follow-up control
Lateral tracking angle error:	less than 0.5°
Skating compensation:	not required with a linear tracking system
Tracking force:	adjustable from 8...20 mN (0.8...2 g)
Tone arm lowering:	electronically controlled, pneumatically damped
Muting:	electronically muted until the stylus has contacted the disc
Tone arm follow-up:	Opto-electronic sensing with LED as light source, servo electronics and DC motor
Run-out switch:	Automatically activated via servo-electronics

Automatic functions:

Swivelling the tone arm support in:	turntable platter starts to rotate at the selected speed
Swivelling the tone arm support out:	a) immediate lifting of the cartridge b) tone arm returns to start position c) turntable stops, stylus illumination switched off

*measured with IEEE 193–1971 weighting and an optimally centered, direct cut laquer, L + R

**all rumble measurements taken in position "mono" with a statically discharged disc and the "new" RIAA reproduce equalization.

Phono cartridge:	REVOX P20 MDR
Frequency response:	20 Hz...20 kHz +3/–1 dB
Channel balance (1 kHz):	better than 2 dB
Channel separation:	better than 25 dB at 1 kHz
Compliance:	40 µm/mN (static value at recommended tracking force)
Trackability (at 300 Hz):	better than 85 µm at 12.0 mN (1.2 grams)
Recommended tracking force:	12.0 mN (1.2 grams), factory set
Stylus tip radius:	5 x 18 µm elliptical, nude diamond
Signal to noise ratio:	better than 65 dB
Recommended load:	47 kohms/470 pf (220 pf already in cable)

Operating controls:

Turntable drive:	2 tactile feedback keys for 33.33 and 45 rpm, 1 power switch
Tone arm:	3 tactile feedback keys for fast inward or outward movement plus lowering and lifting of the pick-up cartridge; built-in stylus illumination.

General:

Components list:	21 IC's, 19 transistors, 29 diodes, 4 LEDs, 2 bridge type rectifiers
Electric current supply (solder connections):	100/110/120 V + 10%, 200/220/240 V + 10% 50...60 Hz
Fuse:	100...120 V: 0.4 A slow-blow 200...240 V: 0.2 A slow-blow
Weight:	20 lbs. 1 oz (9.1 kg)
Dimensions (W x H x D):	17.7 x 5.6 x 15.6 inches (449 x 142 x 395 mm)
Dust cover closed:	
Dust cover open:	height 13.4 inches (340 mm)

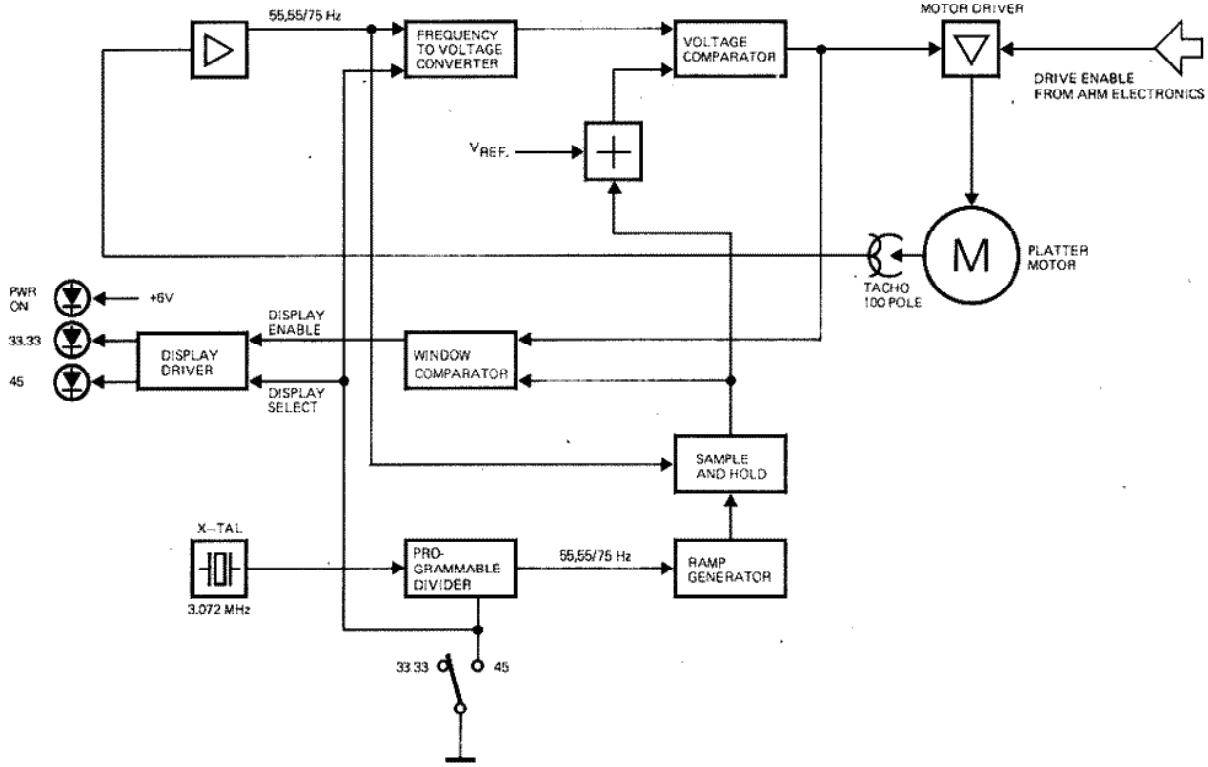
THE REVOX PRODUCT RANGE

REVOX offers a complete range of hi-fi system components. They may be used together with your model B795 turntable in any desired combination:

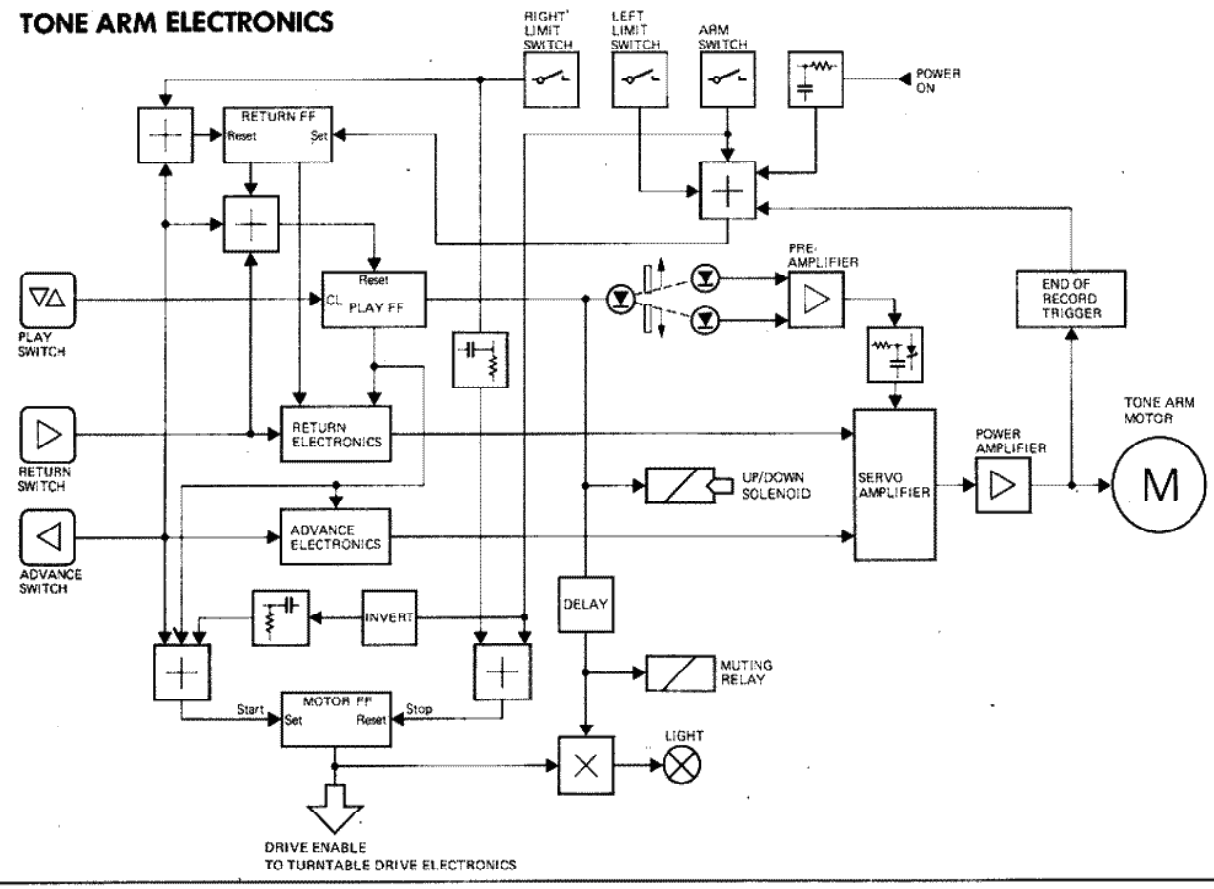
REVOX B77 tape-recorder
REVOX B750 integrated amplifier
REVOX B760 digital synthesizer FM tuner
REVOX B780 microprocessor synthesizer FM receiver

Ask your dealer for the REVOX full-line catalog.

TURNTABLE DRIVE ELECTRONICS



TONE ARM ELECTRONICS



Manufacturer
WILLI STUDER
CH-8105 Regensdorf/Switzerland
Althardstrasse 30

WILLI STUDER GmbH
D-7827 Löffingen/Germany
Talstrasse 7

Worldwide Distribution
REVOX ELA AG
CH-8105 Regensdorf/Switzerland
Althardstrasse 146

