

# Philips RH 832

## RH 832 Quad Recorder Radio Preamp

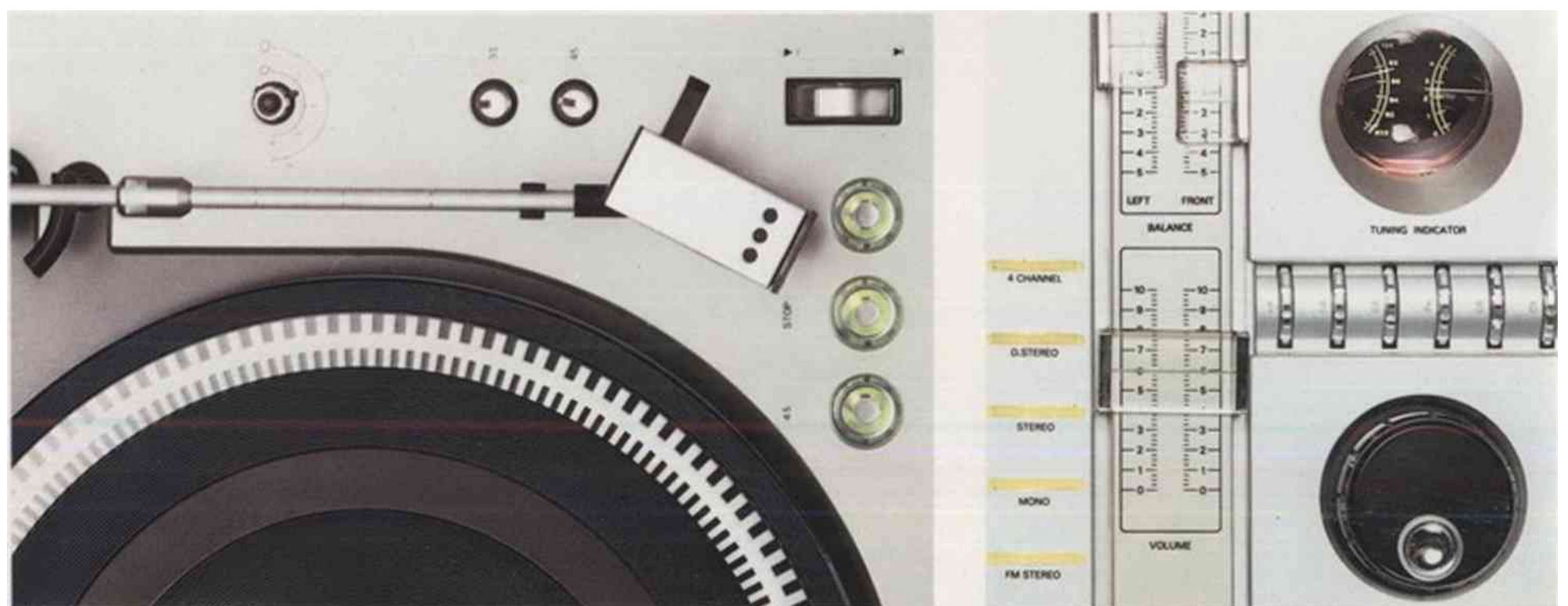
This quadraphonic set includes in a single box: a Hi-Fi reading table equipped with a lec head 4 discrete channels, a four-range radio adapter (AM and FM stereo) and a 4-channel preamplifier equipped with an SQ decoder.

6 FM preset stations, automatic frequency control, tunable if switchable. Automatic FM stereo switching with indicator. Reading table 2 speeds adjustable to  $\pm 3\%$  with GP 422 head (4 channels "discrete"). Stop by photo cell

electric. Compensation of centripetal force. Electronic servo motor. Preamp settings

4 channel cator by slider potentiometers. One galvanometer per channel. Switchable physiology. Stereo microphone, headphone and tape recorder jacks. SQ or "discrete". Output for CD 4 demodulator. The assembly is designed to be connected to RH 545 - AH 567 - RH 544 - RH 541 loudspeakers

Connection possibility of 30 in belts per channel.



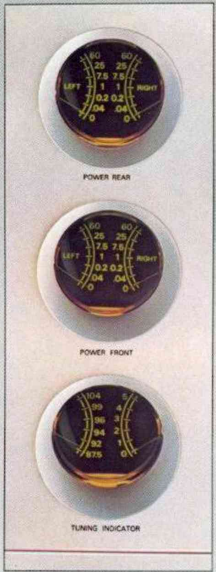
# Philips RH-832



Setting wheels for station storage. Stored stations can be called up at any time using electronic Tsp buttons.



RH 832 ELECTRONIC - with 4 Philips MFB boxes the ideal, complete quadrophonic system.



Three illuminated double instruments: to display the Quadrophonie output level (per channel), for tuning and station setting

## Quadro-Phono-Mixer-System RH 832 ELECTRONIC

HiFi phono control unit for ELECTRONIC MFB BOXES (DIN 45 500)  
 The most exclusive HiFi phono control device (DIN 45 500) from Philips, complete with 2 speakers ELECTRONIC-MFB. Designed for the future for perfect Stereo playback, for the current one SQ Quadrophonie system and for all upcoming Quadro standards. Outstanding ease of use, unusually small dimensions. The reason for this: the amazingly gills, but optimally adapted active motion feedback boxes ELECTRONIC MFB with integrated power amplifiers (Philips MFB system see p. 6/7). High fidelity. From the Philips HiFi team.

- 240 W Sinus with Quadro system
- 4 boxes RH 532 ELECTRONIC MFB
- 120 W Sinus as Quadro-Age mf
- 4 boxes 541 ELECTRONIC-MFB
- 120 W Sinus as a stereo system
- 2 boxes RH 532 ELECTRONIC-MFB
- 60 W Sinus as a stereo system with 2 boxes 541 electronic-MFB
- Power expansion up to 3600 W (1800 W) per channel by connecting additional \* boxes
  - 4 FM bands. KW MW. LW
  - 7 electronic sensors for FM station storage
  - Flat track controls for volume, balance, bass and treble
  - 3 illuminated double instruments for the display of the transmitter frequencies of the station memory, the transmitter tuning and the 4 output levels
    - Contour (switchable) in 2 levels
    - SQ decoder for SQ quadro plates
  - Connection for CD-4 or other quadrophonie demodulators or decoders

hi fi  
 HIGH FIDELITY INTERNATIONAL

- Wiedergabe von CD-4- oder anderen Quadroplatten
- HiFi-Plattenspieler GC 012 ELECTRONIC mit Sensoren
- Anschlüsse für Tonbandgerät, M Kröfen und Kopfhörer.
- Gehäuse schwarz/silber

Technische Daten siehe Seite 84/85.



PHILIPS

**Manufacturer:** GERMAN PHILIPS GMBH

Stereo receiver,  
Quadro preamplifier  
and integrated turntable

**Amplifier:** SQ, CD-4 provided by sound  
sampling system and demodulator  
connection  
Quadraphonic method :

**Total equipment:** 109 Transistors, 16 Dioden, 4 IC

**Inputs:** Microfon: 1,5 mV 10 kOhm Band  
reproduction: 250 mV 100 kOhm

**Phono equalization:** RIAA

**Sinus power:** —

**Music power :** -

Distortion at 1 kHz nominal  
power and modulation of  
both channels: <0,1%

Intermodulation 250  
Hz / 8000 Hz 4/1 at  
nominal power:

Frequency response above all: 15 30000 Hz +0,5 -3 dB

Interference voltage  
distance, on full  
modulation and fully open  
Volume control: low level inputs:  
high level inputs: >70 dB

External voltage distance  
related to 2 x 50 mW: low level inputs:  
high level inputs:

**Output:** Loudspeaker: control signal  
4x1 V to 100 Ohm headphones: 2  
x2: 8-600 Ohm

**Balance:** 0 to max.

**Tone Control:** Bas: at 50 Hz +15 dB  
High: at 10 kHz +12 15 dB

Ear right  
Volume control: yes  
can be switched off: yes

**Receive part**

Reception areas : UKW: 87,5-104 MHz  
KW: 5,95 17,78 MHz  
MW: 520-1605 kHz  
LW: 345-150 kHz

**Input sensitivity:**  
mono at 40 kHz stroke

and a signal-to-noise ratio of 26 dB  
1,5 pV 30 dB

**Input sensitivity:** —

(stereo at 40 kHz stroke  
and a signal-to-noise ratio  
of 46 dB according to DIN  
45500)

**Limiter operation:**  
( -3 dB)

**Stereo use:** signal-to- noise ratio

**Muting use:**

signal-to-noise ratio

**Transmission range:** at de-emphasis 50 ps  
20 20000 Hz ( -3 dB)

**THD :** <0,4%

(with stereo operation for  
U = 1 mV at 240 ohms  
measured at 1 kHz and  
40 kHz stroke)

**Signal-to-noise ratio :** with mono operation —

(for U, - 1 mV an 2400hm in stereo mode -  
based on 40 kHz stroke)

**Crosstalk attenuation:** >45 dB  
(at U,. 1 mV,  
40 kHz Stroke and 1kHz)

**Pilot tone damping:** >35 dB

**Selectivity:** ' 50 dB  
( + 300 kHz)

**IF attenuation**

**:Image frequency attenuation:**

**Same wave selection:** —

**Bandwidth:** IF Amplifier —  
FM Demodulator

**Dimensions:** 590 x146 x432  
(B x H xT in mm)

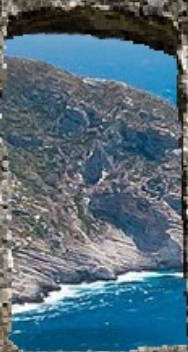
**Weight:**

**Approximate shop price (1976):** 3500,— DM

**Special features:** For FM and AM each a separate receiver, 4-channel AF amplifier with 1 V control output for connecting four active loudspeakers RH 532 ELECTRONIC-MFB, 2 boxes RH 532 are included in delivery: turntable GC 012 with scanning system Super M 422 for playing stereo and quadro records (SQ, CD 4 and others).

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**PHILIPS**

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YOU SHORTLY.  
*Or press finger HERE*