GOLD NOTE
il suono italiano

# EQ CURVES PARAMETER SETUP

The ability to manually modify the curves is an exclusive feature of the PH-1000. Using analogue technology, we developed a unique design that allows you to create unlimited equalisation curves simply acting on 3 parameters - Bass Turnover, Bass Shelf and Treble Cut - as it's the most effective way to control and plot an equalisation curve.

There are 4 custom presets available that you can edit using the dedicated menu.

**Bass Turnover (Hz)**
This parameter controls the frequency at which the EQ curve reaches 3dB. You can adjust the frequency from 200Hz to 800Hz (for the RIAA standard EQ curve, this parameter is 500Hz).

**Bass Shelf (dB)**
This parameter controls the gain at 10Hz and it's also called a "low frequency shelving filter", allowing you to adjust the gain from +12dB to +20dB. It can also be set to N which means it won't affect the curve (for the RIAA standard EQ curve, this parameter is R= +20dB).

**Treble Cut (dB)**
Also known as the "10KHz gain roll-off", this parameter determines the cut at 10KHz and can be adjusted from 0dB to -24dB (for the RIAA standard EQ curve, this parameter is -13.7dB).

| LABEL | REMARKS | CURVE TYPE | BASS TURNOVER | BASS SHELF | TREBLE CUT |
|---|---|---|---|---|---|
| Allegro | 1948-1956 | Columbia LP | 500 | C | -16 |
| Allied | to 1958 | NAB or Col.LP | 500 | B/C | -16 |
| American Recording Society | to 1958 | AES | 400 | N | -12.3 |
| American Recording Society | to matrix E2KP9607, mastered by RCA | Old Ortho. [R-D] | 500 | N | -13.7 |
| Angel | (2XEA213-392/ XAX561-817) (1N,2N) | 500-FLAT | 500 | N | 0 |
| Angel | to 1952; to 35022 | Old Ortho. [R-D] | 500 | N | -13.7 |
| Arizona | to Sept(?) 1955 | Capitol [CAP] | 400 | N | -12,7 |
| Artist | | NAB | 500 | B | -16 |
| Atlantic | to 1953, produced by MGM | NAB | 500 | B | -16 |
| Audio Fidelity | no. 901-903 | NAB | 500 | B | -16 |
| Audiophile | 1952-1976 (!); regular 33⅓ LPs up to AP-125; may also be replayed with "flat" treble; probably never used RIAA | Audiophile33 | 600 | N | -10.3 |
| Bach Guild | sublabel of Vanguard; BG-501 to 529 (1950 to 52) | Columbia LP | 500 | C | -16 |

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|---|---|---|---|---|---|
| Banner | to 10002 | Columbia LP | 500 | C | -16 |
| Bartók | 1952-1953 | AES | 400 | N | -12.3 |
| Bartók | no. 301-307, 309, 906-920 | Bartok | 630 | C | -16 |
| Bartók | to 1952 | Columbia LP | 500 | C | -16 |
| Bartók | no. 308, 310-11, 901-05 and from 921 | RIAA | 500 | R | -13,7 |
| Blue Note | 33⅓ and 45s to Sept(?) 1955 | AES | 400 | N | -12.3 |
| Boston | to 1958, up to B202 | Columbia LP | 500 | C | -16 |
| Brunswick | 1951-1955 | AES | 400 | N | -12.3 |
| Brunswick | to matrix MG4400; with raised matrix** | Old RCA | 800 | N | -8 |
| Caedmon (American) | founded 1952, TC1002 - TC1022 (1955) | Bartok | 630 | N | -16 |
| Caedmon (British) | from 1953 | CCIR 78 | 350 | N | -10,5 |
| Canyon | to C6160 | AES | 400 | N | -12.3 |
| Capitol /Capitol-Cetra | 33⅓ 1949-1955 (sold to EMI-UK in 1955) | Capitol [CAP] | 400 | N | -12,7 |
| Capitol /Capitol-Cetra | 45 rpm 1949-1954 | NAB | 500 | B | -16 |
| Cetra-Soria | Am. releases of Cetra, 1948-1953 (Cetra-Soria sold to Capitol) | Columbia LP | 500 | C | -16 |
| Colosseum | | AES | 400 | N | -12.3 |
| Colosseum | to Jan 1954 | NAB | 500 | B | -16 |
| Columbia (American) | 45 rpm | AES | 400 | N | -12.3 |
| Columbia (American) | 1947-1955; to matrix ML4895, XLP3200 | Columbia LP | 500 | C | -16 |
| Columbia (American) | 1948 - 1953; 45 rpm | NAB | 500 | B | -16 |
| Columbia (American) | 1955 - ; after matrix XLP3200 or with “HiFi+" sticker | RIAA | 500 | R | -13.7 |

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|---|---|---|---|---|---|
| Columbia (British) | 1949 - 7/1953, matrix nos. LPs: from XA561 to XAX817; XRX12; EPs: 7TCA 7, 7TCO 6; SPs: 7XCA185, 7XCO 87 | 500-FLAT | 500 | N | 0 |
| Concert Hall | marked AES, | AES | 400 | N | -12.3 |
| Concert Hall | E1KP/E2KP matrix, mastered by RCA, ca. 1951/53 | Old Ortho. [R-D] | 500 | N | -13.7 |
| Concert Hall | E0 matrix, mastered by RCA, ca. 1950/51 | Old RCA | 800 | N | -8 |
| Concert Hall | matrix E2RP from 4095/E2KP from 9607 | RIAA | 500 | R | -13,7 |
| Concert Hall (American) | most! 1948-1954, XTV matrix to 20383 (low take nos) produced by COL | Columbia LP | 500 | C | -16 |
| Concert Hall (British) | to 1956 (or 1954) | London LP | 500 | C | -10.5 |
| Contemporary | 2001-02, 2501-02, 2505, 2507, 3501 | AES | 400 | N | -12.3 |
| Contemporary | 2504 | NAB | 500 | B | -16 |
| Contemporary | after matrix AP121 | RIAA | 500 | R | -13.7 |
| Cook | to 1958(?), regular mono records | Cook | 500 | N | var. -12 to -15 |
| Cook | Cook Laboratories | NAB | 500 | B | -16 |
| Coral | | AES | 400 | N | -12.3 |
| Coral | to 1958(?) | NAB | 500 | B | -16 |
| Coral | sublabel of Decca (Amer.), est. 1949, up to MG4400, with raised matrix | Old RCA | 800 | N | -8 |
| Decca (American) | 1953, 33⅓ and 45 rpm | AES | 400 | N | -12.3 |
| Decca (American) | 1949-1951 | London LP | 500 | C | -10.5 |
| Decca (American) | 1953-Nov1955, 33⅓ and 45 rpm | NAB | 500 | B | -16 |
| Decca (American) | up to MG4400, with raised matrix | Old RCA | 800 | N | -8 |

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|---|---|---|---|---|---|
| Decca (British) | ffrr (after 6/50)*** | 500-FLAT | 500 | N | 0 |
| Decca (British) | 1950-1956 | London LP | 500 | C | -10.5 |
| Decca (British) | ffrr (from ARL2530-2A) | RIAA | 500 | R | -13.7 |
| Decca (European) | some 1954-1962 | CCIR 78 | 350 | N | -10.5 |
| Decca (European) | most from 1954 | RIAA | 500 | R | -13.7 |
| Decca (European) | 1949-1954, (Telefunken + Decca UK = TELDEC since 1950) | Telefunken | 400 | N | 0 |
| Deutsche Grammophon | 1952-1955, early LPs, cat. no in a rectangle, bass shelf 50 Hz | IEC N78 | 350 | A | -10.5 |
| Deutsche Grammophon | cat. no. in an inverted triangle (RIAA symbol) | RIAA | 500 | R | -13.7 |
| Deutsche Grammophon | 1957, test disc DG 99105, possibly the only disc to DIN 45533 | TELDEC | 500 | R | -11 |
| Dial | 1948 - 1954, 33⅓ and 45 rpm, bass of EP 45s can be improved by 700Hz t/o | Columbia LP | 500 | C | -16 |
| Dot | to 1958, 33⅓ and 45 rpm | AES | 400 | N | -12.3 |
| Ducretet Thomson | 10/1954 - 1958, British releases issued by London/Decca UK | London LP | 500 | C | -10.5 |
| Elektra | EKL 17, 22 (released 1954) | AES | 400 | N | -12.3 |
| Elektra | EKL 2-15, 18-20, 24-26 (rel. 1952-55) | Bartok | 630 | N | -16 |
| Elektra | EKL 16, 21, 23 (rel. 1955) and from 27 up | RIAA | 500 | R | -13.7 |
| EMI-Angel | to 1952, Deutsche Grammophon releases in US | Old Ortho. [R-D] | 500 | N | -13.7 |
| EMI-HMV | 1949-1953; matrix 2XEA213-392/ XAX561-817 (1N,2N) 33⅓ and 45 rpm | 500-FLAT | 500 | N | 0 |
| EMI-HMV | 1954-1958? | Columbia LP | 500 | C | -16 |

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|---|---|---|---|---|---|
| EMI-HMV | 1951-1954 | NAB | 500 | B | -16 |
| EMI-HMV | since July 1953 | RIAA | 500 | R | -13.7 |
| EMS | 1951-1956 | AES | 400 | N | -12.3 |
| Epic | 1948-1954, a Columbia sublabel | Columbia LP | 500 | C | -16 |
| Esoteric | ES 500,517 and EST 5,6 | AES | 400 | N | -12.3 |
| Esoteric | to matrix E2KP 9607, mastered by RCA; from ES 533 => RIAA | Old Ortho. [R-D] | 500 | N | -13.7 |
| Festival | to 1955 | Columbia LP | 500 | C | -16 |
| Folkways | 1948- 1955; all | Columbia LP | 500 | C | -16 |
| Fraternity Records | up to F-1013 | 500-FLAT | 500 | N | 0 |
| Good-Time Jazz | 3, 9-19 | AES | 400 | N | -12.3 |
| Good-Time Jazz | 1, 5-8 | NAB | 500 | B | -16 |
| Good-Time Jazz | 2, 4, 20 and up; since Oct 1955 => RIAA | RIAA | 500 | R | -13.7 |
| Handel Society | sublabel of Concert Hall, mostly produced by COL, 1951-1954; others see Concert Hall | Columbia LP | 500 | C | -16 |
| Haydn Society | sublabel of Urania; to matrix XTV20383, mastered by COL; to cat. HS-3062, HSL-84; 1949 to 1954 | Columbia LP | 500 | C | -16 |
| His Master's Voice (Amer.) | sublabel of RCA; to 1952; since Aug 1952 => "New Ortho." = RIAA | Old Ortho. [R-D] | 500 | N | -13.7 |
| His Master's Voice (British) | 1949 - 7/1953, EMI-UK, matrix nos. LPs: 2XEA213 - 392 and 0XAV145; EPs: 7TEA 19, 7TAV 28; SPs: 7XBA14 - 21 and 7XCS 23, 7XLA 2, 7XRA 30, 7XSB 6, 7XVH | 500-FLAT | 500 | N | 0 |

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|---|---|---|---|---|---|
| | 70, 7XEA688, 7XAV227 | | | | |
| His Master's Voice (British) | | Columbia LP | 500 | C | -16 |
| Kapp | no. 100-103, 1000-1001 | Kapp | 800 | N | -16 |
| Kendall | to 1958(?) | NAB | 500 | B | -16 |
| L'Oiseau-Lyre | to 1954, to matrix OL50018, prod. by Decca | London LP | 500 | C | -10.5 |
| London | ffrr; after 6/1950***; to matrix ARL1186-1B | 500-FLAT | 500 | N | 0 |
| London | first few | Columbia LP | 500 | C | -16 |
| London | ffrr; to LL-846; to matrix ARL2530-2A | London LP | 500 | C | -10.5 |
| Lyrichord | if labeled "629" | Bartok | 630 | C | -16 |
| Lyrichord | 1948 - 1951, XTV matrix, mastered by COL | Columbia LP | 500 | C | -16 |
| Lyrichord | 1951 - 1957(?) | NAB | 500 | B | -16 |
| Lyrichord | 1950 - 1952, mastered by RCA | Old Ortho. [R-D] | 500 | N | -13.7 |
| Mercury | 1953 - Oct 1954, 33⅓ and 45s, to matrix MG50026, 7000 | AES | 400 | N | -12.3 |
| MGM | to 1953; to matrix M-G-M E3071; 33⅓ and 45 rpm; bass of 45s can be improved by 700 Hz | MGM [MGM] | 500 | N | -12 |
| MGM | to 1952 | NAB | 500 | B | -16 |
| MGM (British) | 1949 - 7/1953, matrix nos. SPs: 7XSM203 | 500-FLAT | 500 | N | 0 |
| Music Treasures | all | Columbia LP | 500 | C | -16 |
| New Records | to 1954 | Columbia LP | 500 | C | -16 |
| New Records | mastered by RCA | Old Ortho. [R-D] | 500 | N | -13.7 |
| Nixa (British) | to 1955, if labeled AES | AES | 400 | N | -12.3 |

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|---|---|---|---|---|---|
| Nixa (British) | 1950 (founded) to 1955, US matrixes from Westminster | Columbia LP | 500 | C | -16 |
| Nixa (British) | to 1955, if labeled NAB | NAB | 500 | B | -16 |
| Nixa (British) | US matrixes from Polymusic or Urania; mastered by RCA Victor | Old Ortho. [R-D] | 500 | N | -13.7 |
| Nocturne | LP1-LP3 ,LP5; XP1-XP10 | AES | 400 | N | -12.3 |
| Oceanic | to 1958; to matrix XTV20383, low take nos. | Columbia LP | 500 | C | -16 |
| Overtone | nos. 1-5 produced by COL; from no. 6 => RIAA | Columbia LP | 500 | C | -16 |
| Oxford | to 1958? | Columbia LP | 500 | C | -16 |
| Pacific Jazz | PJLP 1-13; 10" LPs issued in 1953/54 | AES | 400 | N | -12.3 |
| Pacific Jazz | to 1953 | Pacific Jazz | 500 | C | -12 |
| Parlophone | 1949 - 7/1953, EMI UK, matrix nos. LPs: XEX 60; SPs: 7XCE135; (EPs were probably all RIAA) | 500-FLAT | 500 | N | 0 |
| Period | 1949-1953; up to 576 | NAB | 500 | B | -16 |
| Philharmonia | to 1958? | AES | 400 | N | -12.3 |
| Philips | to 1953, 33⅓ and 45s | Philips | 400 | N | -6 |
| Philips (British) | 1953 - ?, LPs with re-issues of 78s masters | CCIR 78 | 350 | N | -10.5 |
| Polymusic | to 1958 (regular mono records) | NAB | 500 | B | -16 |
| Rachmaninoff Society | to 1958? | Columbia LP | 500 | C | -16 |
| RCA Victor | 1950 - 8/1952, 33⅓ only; matrix from E0LRC3981 | Old Ortho. [R-D] | 500 | N | -13.7 |
| RCA Victor | 1949 - 1950, some 33⅓ and 45s; matrix from D9 to E0LRC3980 | Old RCA | 800 | N | -8 or -10 |
| RCA Victor | 1949 - 8/1952, first 45 rpm discs (also some 33⅓) | RCA 45 [R-D] | 800 | N | -13.7 |
| | since Aug. 1952: "New | | | | |

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|---|---|---|---|---|---|
| RCA Victor | Orthophonic"; all LM,WDM,DM cat. from 1701; LCT,WCT from 1112; all LHMV, WHMV, LBC, WBC and Extended Play 45s; (from E2RP4094) | RIAA | 500 | R | -13.7 |
| Remington | to 1958(?); to matrix 199-135 | NAB | 500 | B | -16 |
| Renaissance | 1949 - 1952 | Columbia LP | 500 | C | -16 |
| Renaissance | 1952 - 1954 | Pacific Jazz | 500 | C | -12 |
| Riverside | to Sept (?) 1955 | AES | 400 | N | -12.3 |
| Stradivari | to 1958 | Columbia LP | 500 | C | -16 |
| Telefunken | 1954 - 1962 | CCIR 78 | 350 | N | -10.5 |
| Telefunken | 1951 - 1953, (Telefunken + Decca UK = TELDEC since 1950) | Telefunken | 400 | N | 0 |
| Tempo | 1948 - 1953 | Columbia LP | 500 | C | -16 |
| Tempo | 1954 - 1958(?) | NAB | 500 | B | -16 |
| Transradio | to 1958(?) | Columbia LP | 500 | C | -16 |
| Urania | Cat. nos. URLP 224, 603, 7059, 7063, 7065, 7066, 7069; ca 1952/53 | AES | 400 | N | -12.3 |
| Urania | most; to matrix XTV20383 (low take nos), mastered by COL; 1949 to 1954; since 1953 change to RIAA | Columbia LP | 500 | C | -16 |
| Urania | to matrix E2KP9243, mastered by RCA; 1950 to 1953 | Old Ortho. [R-D] | 500 | N | -13.7 |
| Vanguard | VRS 411-42, 6000-18, up to XTV20386; VRS 7001-11, 8001-04; since 1954 RIAA | Columbia LP | 500 | C | -16 |
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|---|---|---|---|---|---|
| Vox | labeled AES | AES | 400 | N | -12.3 |
| Vox | 1948 - 1954; up to matrix XTV20386, PL8400 or labeled "Lp"; mastered by COL | Columbia LP | 500 | C | -16 |
| Vox | 1951 - Oct 1954 | NAB | 500 | B | -16 |
| Westminster | labeled AES | AES | 400 | N | -12.3 |
| Westminster | 1948 - Oct 1955, to matrix XTV20383 low take nos.; mastered by Columbia | Columbia LP | 500 | C | -16 |
| Westminster | labeled NARTB | NAB | 500 | B | -16 |
| Westminster | to matrix E2KP9607, mastered by RCA | Old Ortho. [R-D] | 500 | N | -13.7 |
| Westminster | EO matrix | Old RCA | 800 | N | -8 |

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