

Technics

For Music Lovers

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HI-FI 1990



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CONTENTS

Hi-Fi Separates

Introduction	3
Amplifiers	4
Tuners and Receivers	8
Cassette Decks	10
CD Players	14
Speakers	19
Turntables	22
Equalisers and Headphones	24
Cabinets	25
Hi-Fi Systems	26
Specifications	30

From the action of gut on string, fingers on piano keys, lips on brass and woodwind and brush on drumskin, orchestral sounds combine to produce the music that the composer imagined, under the baton of the conductor.

Similarly rock and pop music relies on a mixture of sounds - different instruments, vocals, drums - to excite, stimulate and communicate as only music can.

Technics hi-fi is of the finest quality to serve the reproduction of all musical tastes from many sound sources.

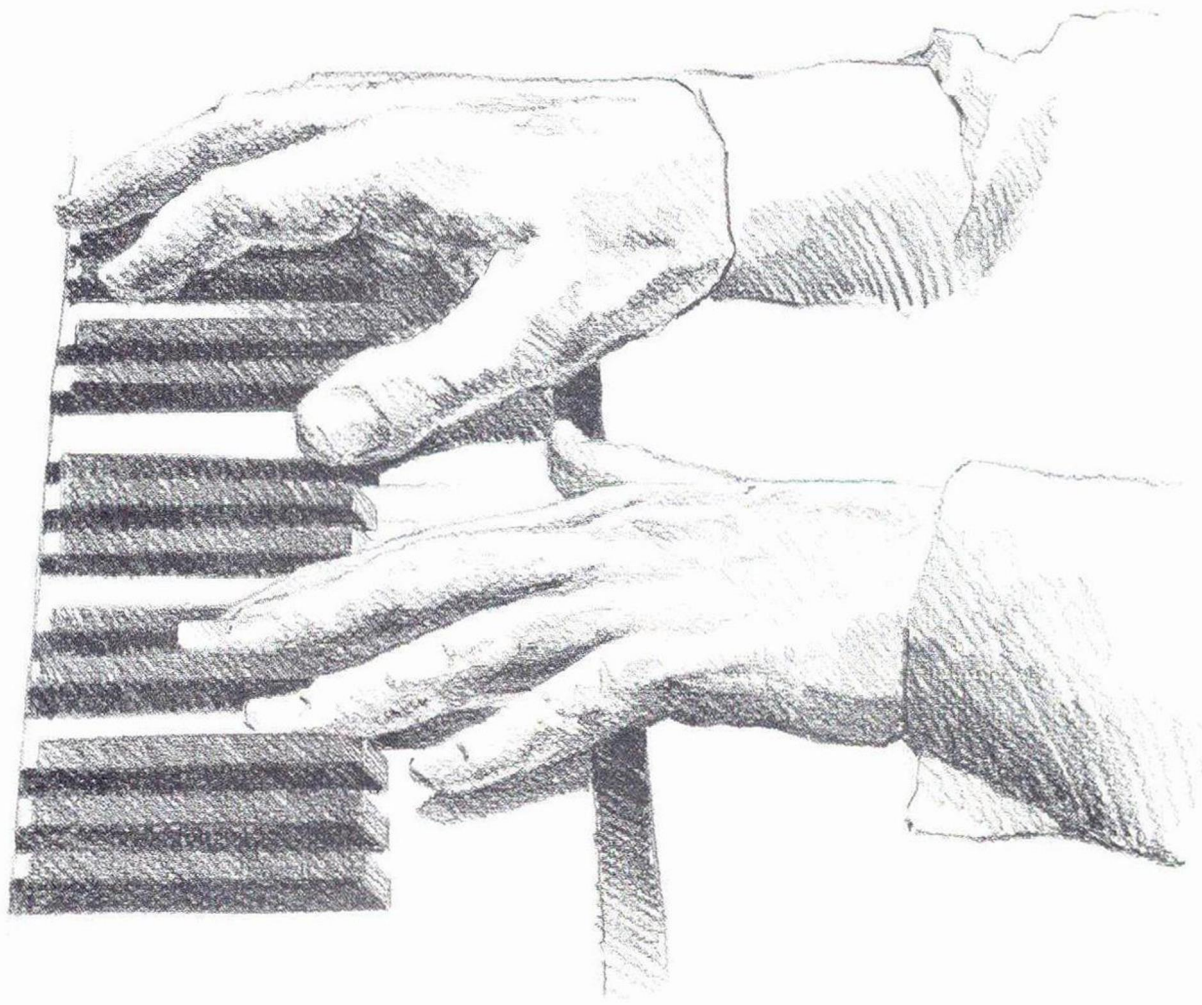
Timeless performances and memorable live concerts captured on compact disc come fully to life with Technics High Resolution Compact Disc Players.

Radio broadcast performances, even in these days of increasingly crowded airwaves, can be enjoyed to their fullest with Technics Tuners - particularly due to the Twin Tuner Technology.

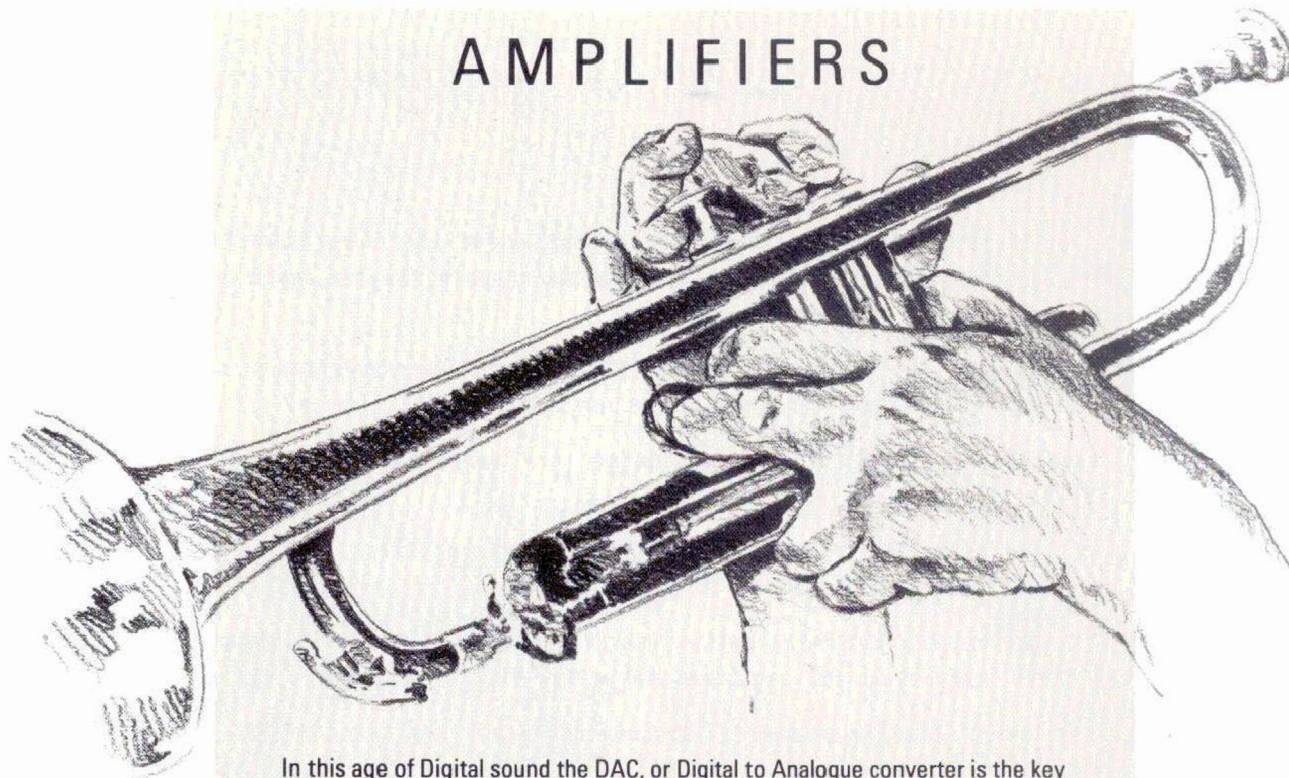
Quartz Direct Drive motors on Technics Cassette Decks maintain the precision of the original performance whilst Black Vinyl is not forgotten - much of Technics heritage and proven quality is based on Turntable design.

The amplifier is the control centre of the Hi-Fi system - the conductor of the orchestra. Each individual source, processed and controlled by the Technics Amplifier, reproduces as wonderful music, be it baroque, romantic, rock or punk - demonstrating quite clearly

Technics For Music Lovers



AMPLIFIERS



In this age of Digital sound the DAC, or Digital to Analogue converter is the key to sound quality, for it is this vital circuit which converts the Digital data into sweet music.

Aware of the shortcomings of the D-A convertor situated within a CD player, Technics engineers developed the concept of the Digital Optical Link to convey the signal to a D-A convertor situated in a Pre-Amp followed again by a conventional Amplifier-with a significant musical benefit.

The concept of the D-A convertor being removed from the digital source is now taken a whole step further by incorporating the DAC within the actual Power Amplifier-reducing to an absolute minimum the analogue electronics between the DAC and speakers.

For the technically minded the DAC replaces the voltage amplifier in Technics Class AA configuration. Only the current drive amp remains. The Class AA bridge ensures that the appropriate current is delivered to the loudspeaker to match the DAC input.



class **A**

40W x 2 RMS 20BIT

Digital
Optical Link

SE-M100 DIGITAL POWER AMPLIFIER

- 115W x 2 RMS (20Hz-20kHz, 8Ω) 0.0007% THD (1kHz, 8Ω).
- Digital power amp accepts digital audio signals directly from CD player – extends digital signal path to maintain maximum signal purity. New Unity Gain Power Amp circuit suppresses residual circuit noise – keeps high 120dB (IHF) S/N ratio regardless of volume level. Amplified signal at speaker terminals boasts the same high quality as CD player output. Digital Direct Drive achieves the same voltage at the DAC output as at the speaker terminals.
- 4-DAC Linear 20-Bit 8-Times Oversampling D/A Converter System.
- Twin Mono Construction minimizes cross talk between left and right channel.
- Equipped with two optical and one coaxial input, one set of coaxial input/output connectors for DAT.
- Two analogue inputs – one fixed (generally for SU-A40) and one variable (controlled by SE-M100 volume control).
- Power supply transformers with OFC windings and high-speed EX capacitors.
- A, B, A + B/bi-wiring speaker selector.



class AA

SU-A40 STEREO CONTROL AMPLIFIER

- Class AA phono EQ amp and output amp circuits. ■ High-speed EX capacitors with high purity electrolyte. ■ Active Servo Power Supply for high stability. ■ 6-position input selector and recording selector. ■ Tape 3 monitor/EXT selector. Allows connection of a third tape deck or graphic equalizer. ■ OCC/OFC wiring for outstanding performance. ■ Output voltage PRE-OUT rated 1V (max 8V) REC-OUT 150mV. ■ Designed to increase versatility of SE-M100 when using analogue inputs.



class AA

SE-A50 STEREO POWER AMPLIFIER

- Technics high performance Class AA VC-4 amplification provides high output (115W x 2 RMS 20Hz-20kHz) with ultra-low distortion of 0.0005% (1kHz, 8Ω). Thanks to Class AA VC-4 amplification, the SE-A50 handles speaker load impedance fluctuations effortlessly, while maintaining high fidelity in terms of wide dynamic range, low distortion and accurate sound stage imaging. ■ Twin Mono Construction. Isolated left and right channel circuits assure virtually complete channel separation and freedom from crosstalk, using separate high capacity transformers with precision series windings. ■ High speed EX capacitors with high purity biotechnology electrolyte. ■ BTL (mono) operation capability increases amplifier power to 300W (20Hz-20kHz 8Ω).



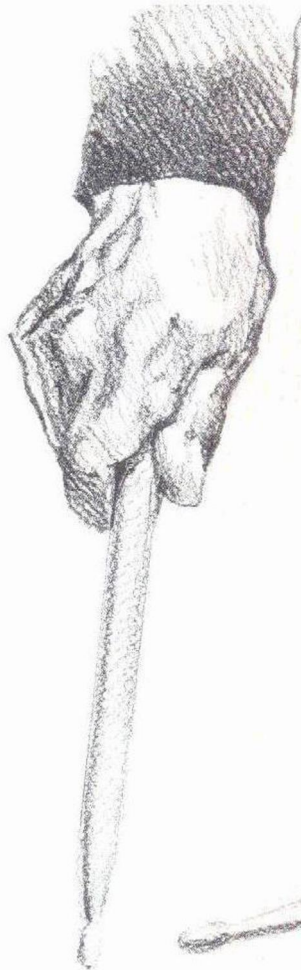
class AA

SU-V90D DIGITAL INTEGRATED AMPLIFIER

- 4-DAC 18-Bit High Resolution System. This D/A conversion system completely eliminates digital zero crossover distortion and features high resolution 18-bit conversion for highly accurate reproduction of low level digital CD input signals. ■ Power amp section employs Technics Class AA VC-4 circuitry for extremely low distortion of 0.0007% (1kHz, 8Ω) and high output of 100Wx2 RMS(20Hz-20kHz, 8Ω). ■ "Power amp direct" system allows direct routing of digital inputs and "analog direct" inputs to the power amp circuitry with only an intermediary volume control. ■ Three input sampling frequencies (32kHz, 44.1kHz, 48kHz) assure compatibility with all major digital source standards. ■ Optical and coaxial digital inputs. ■ High speed EX capacitors – electrolyte biotechnology for upper midrange clarity. ■ OFC power supply transformer. ■ Active Servo Power Supply for low noise and high stability.

40x Linear 18bit

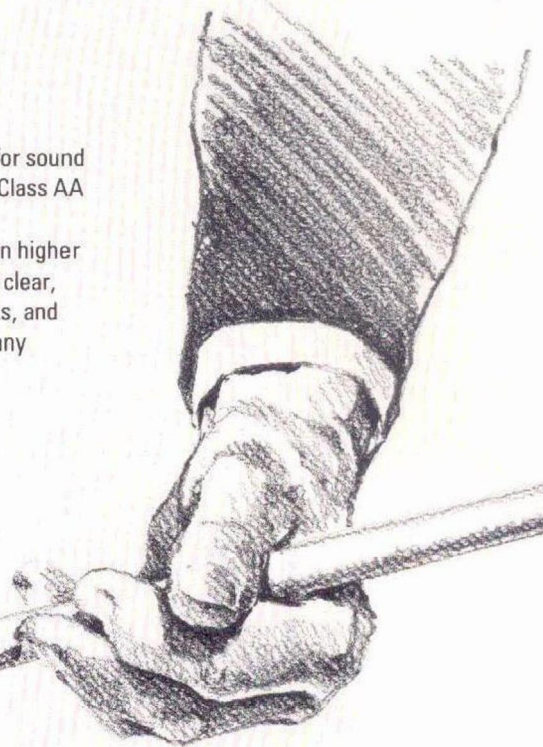
Digital Optical Link



Technics V series amplifiers enjoy a high reputation for sound quality as a result of such original technology as the Class AA configuration and EX capacitors.

Further refined, these amplifiers now feature even higher performance EX capacitors and OFC transformers for clear, precise and dynamic sound, solid aluminium heatsinks, and extensive internal aluminium screening to minimise any disturbance of the low level input signals.

Rotary input selectors are both functional and beneficial to sound quality while the ultimate performance of CD can be fully realised with the 'Power-Amp' direct facility, permitting the shortest signal path to the volume control.



class AA

SU-V660 STEREO INTEGRATED AMPLIFIER

- Class AA amp circuit for extra clean power 85Wx2 RMS (20Hz-20kHz, 8Ω). The Technics developed circuit Class AA stabilizes speaker drive while delivering high power with low distortion of 0.0009% (1kHz, 8Ω).
- New ultra-pure "Power Amp Direct" input bypasses the preamp section to provide S/N ratio improvement and maintain signals purity.
- High speed EX capacitors with high-purity electrolyte for transparent mid/high range quality.
- Heavy duty power supply.
- 6-position multiple input facilities.
- Phono selector (MM/MC).
- A and/or B speaker selection.
- Tone defeat switch, loudness switch, low-noise NFB-type tone controls.
- 6-position rec selector.



class AA

SU-V560 STEREO INTEGRATED AMPLIFIER

- Class AA amp circuit for extra clean power 60W x 2 RMS (20Hz-20kHz, 8Ω). The Technics developed circuit Class AA stabilizes speaker drive while delivering high power with low distortion of 0.0009% (1kHz, 8Ω).
- New ultra-pure "Power Amp Direct" input bypasses the preamp section to provide S/N ratio improvement and maintain signal's purity.
- High Speed EX capacitors with high-purity electrolyte for transparent mid/high range quality.
- Heavy duty power supply.
- 6-position multiple input facilities.
- Phono selector (MM/MC).
- A and/or B speaker selection.
- Tone defeat switch, loudness switch, low-noise NFB-type tone controls.
- 6-position rec selector.

SU-V460 STEREO INTEGRATED AMPLIFIER

- Class AA amp circuit for extra clean power. 45W x 2 RMS (20Hz-20kHz, 8Ω).
- The Technics developed circuit Class AA stabilizes speaker drive while delivering high power with low distortion of 0.0009% (1kHz, 8Ω).
- New ultra-pure "Power Amp Direct" input bypasses the preamp section to provide S/N ratio improvement and maintain signal's purity.
- High Speed EX capacitors with high-purity electrolyte for transparent mid/high range quality.
- Heavy duty power supply.
- 6-position multiple input facilities.
- A and/or B speaker selection.
- Tone defeat switch, loudness switch, low-noise NFB-type tone controls.
- 6-position rec selector.
- Black (K)/Silver (S).



class AA

SU-800 STEREO INTEGRATED AMPLIFIER

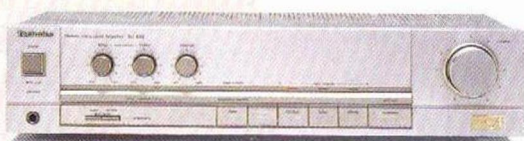
- New Class A circuitry for clear, undistorted sound.
- 40W x 2 RMS (20Hz-20kHz, 8Ω).
- Light-touch input selectors include phono, tuner, CD/aux, tape 1, and tape 2.
- Quiet phono EQ circuitry.
- Two tape monitors with editing capability.
- Main and/or remote speaker selection.
- Heavy-duty aluminium front panel.



new class A

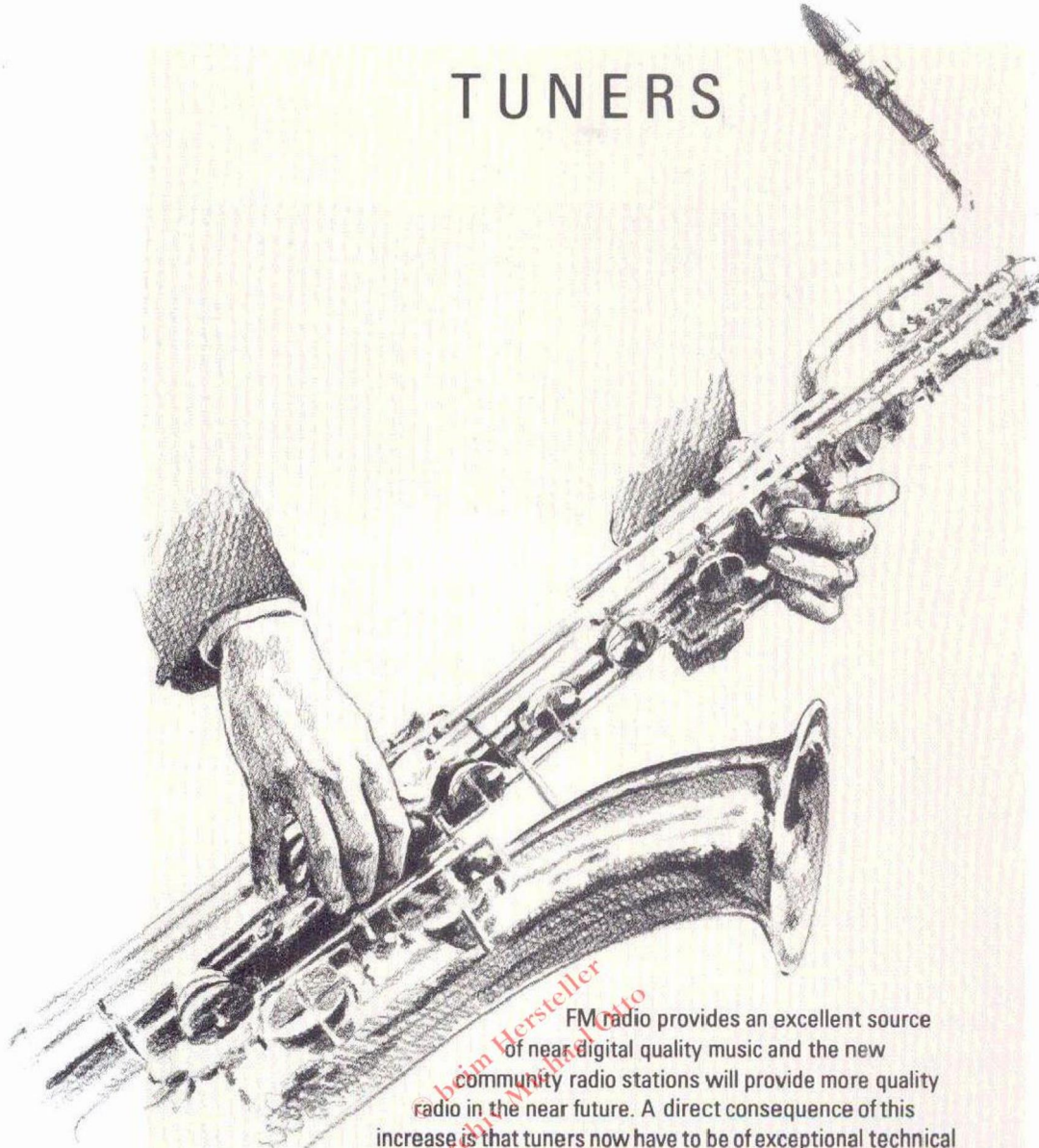
SU-600 STEREO INTEGRATED AMPLIFIER

- New Class A circuitry for clear, undistorted sound.
- 30W x 2 RMS (20Hz-20kHz, 8Ω).
- Light-touch input selectors include phono, tuner, CD/aux and tape.
- Quiet EQ circuitry.
- Main and/or remote speaker selection.
- Heavy-duty aluminium front panel.
- Black (K)/Silver (S).



new class A

TUNERS



FM radio provides an excellent source of near digital quality music and the new community radio stations will provide more quality radio in the near future. A direct consequence of this increase is that tuners now have to be of exceptional technical performance in order to avoid interference between stations.

Technics have introduced two models with twin RF and IF construction to eliminate interference and ensure clear undistorted sound. The tuners operate under computer control to automatically search for signals that may cause interference and then establish the correct combination of bandwidths to best receive the main station. For convenience all of the computer calculated parameters are stored in the 39 preset memory along side the station.



class AA Twin Quartz DC

ST-G90L QUARTZ SYNTHESIZER STEREO TUNER

- Twin RF & IF circuit construction enables automatic selection of normal and super narrow bandwidth at the RF and IF stages resulting in dramatic improvement of reception characteristics.
- 3 band 39 channel random access preset memory lets you preset up to 39 stations in any combination of AM and FM. Simply press the number keys to recall the preset of your choice.
- DC Twin-Quartz circuitry enhances reception and stability.
- Class AA output amp circuitry for signal transfer accuracy.
- DC Linear Switching MPX reduces distortion and expands dynamic range.
- Multi-function FL display.
- Easy-to-operate rotary encode tuning knob.
- Quartz signal calibrator for recording level setting.



ST-G70L QUARTZ SYNTHESIZER STEREO TUNER

- Twin RF & IF circuit construction enables automatic selection of normal and super narrow bandwidth at the RF and IF stages resulting in dramatic improvement of reception characteristics. ■ 3 band 39-channel random access preset memory lets you preset up to 39 stations in any combination of AM and FM. Simply press the number keys to recall the preset of your choice. ■ DC Twin-Quartz circuitry enhances reception and stability. ■ Class AA output amp circuitry for signal transfer accuracy. ■ DC Linear Switching MPX reduces distortion and expands dynamic range. ■ Multi-function FL display. ■ Easy-to-operate rotary encode tuning knob.

ST-G560L QUARTZ SYNTHESIZER STEREO TUNER

- 3 band 39-channel random access preset memory. ■ DC Twin-Quartz circuitry enhances reception and stability. ■ Class AA output amp circuitry for signal transfer accuracy. ■ Auto IF bandwidth switching to ensure optimum use of reception conditions. ■ Rotary encode tuning. ■ FM signal strength meter. ■ Auto-scan tuning and auto memory. ■ Black (K)/Silver (S).

ST-G460L QUARTZ SYNTHESIZER STEREO TUNER

- 3 band 39-channel random access preset memory. ■ Class AA output amp circuitry for signal transfer accuracy. ■ Traditional Technics DC construction enhances waveform fidelity while extending flat frequency response all the way down to 4Hz. ■ Technics quartz synthesizer digital tuning uses an unwavering quartz crystal reference to prevent drift while promoting astounding accuracy and convenience. ■ DC Linear Switching MPX reduces distortion and expands dynamic range. ■ Large FL display. ■ FM signal strength indicator. ■ Auto-scan tuning and auto memory.

ST-600L QUARTZ SYNTHESIZER STEREO TUNER

- Quartz synthesizer digital tuning for accuracy and convenience. ■ 3 band 24-channel random access preset memory lets you preset up to 24 stations in any combination of AM and FM. ■ Large FL display alerts you to the FM/AM frequency, preset channel number and stereo reception. ■ Auto-scan tuning. ■ 3-point LED signal strength meter. ■ Heavy-duty aluminium front panel. ■ Black (K)/Silver (S).

class AA
Twin QUARTZ DC
Archiv Michael Otto

class AA
Twin QUARTZ DC

class AA
QUARTZ DC

QUARTZ QUARTZ

RECEIVERS



SA-160L QUARTZ SYNTHESIZER 3 BAND STEREO RECEIVER

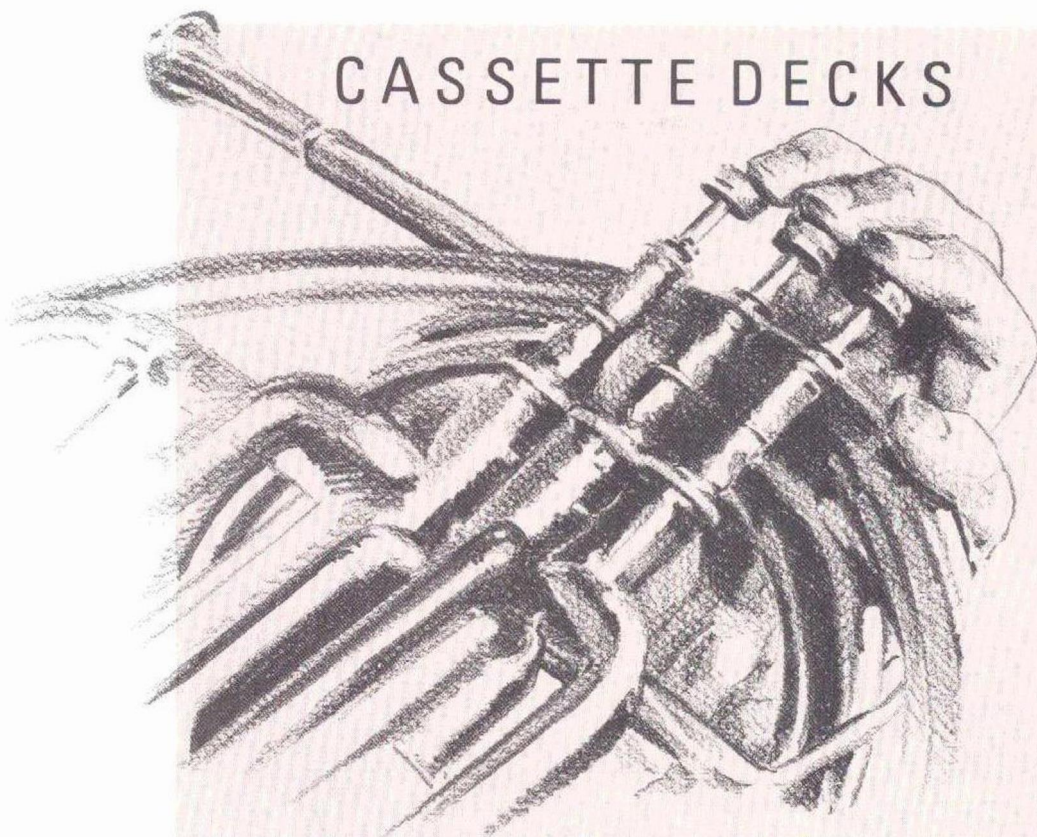
- 40W x 2 output (DIN, 8Ω). ■ Quartz synthesizer digital tuning with 24-channel random access preset memory. ■ Station grouping feature: Station File lets you divide the 24 preset stations into five groups or files, each designated by any name you choose (up to 5 letters). The file name is shown on the FL display and the station numbers in that file are shown on the Tuner Matrix. ■ 5-band graphic equalizer.



SA-R230L QUARTZ SYNTHESIZER 3 BAND REMOTE CONTROL STEREO RECEIVER

- 32-key wireless remote control. ■ 50W x 2 output power (DIN, 8Ω). ■ Quartz synthesizer digital tuning with 24-channel random access preset memory. ■ Station grouping feature: Station File lets you divide the 24 preset stations into five groups or files, each designated by any name you choose (up to 5 letters). The title name is shown on the FL display and the station numbers in that file are shown on the Tuner Matrix. ■ 5-band graphic equaliser. ■ Remote-control rotary type volume with level indicator. ■ 4 audio inputs. ■ Remote control possible with CD Players (SL P999/777/555/333/222A/202A) Cassette Decks (RS TR555/355/255) and Turntable (SL L20).

CASSETTE DECKS



Digital sound sources such as compact disc have wide dynamic range and low noise, together with stability of sound and pitch — a direct consequence of the precise quartz controlled sampling of the signal. To record and replay such sources with total realism Technics brings quartz control to cassette deck technology.

The Technics RS B755 employs two high torque direct drive motors with quartz controlled accuracy for minimal speed variation and flutter. A highly stable transport has been developed which even holds the cassette shell totally secure independent of the motorised cassette loading door. High rigidity ceramics are utilised in this state-of-the-art mechanism to achieve complete control and isolation of the recording tape.

With full 3-head off-tape monitoring and calibration control, the Technics RS B755 brings cassette recording into the digital age.



class AA

3 HEAD

DOLBY B-C NR

DOLBY HX PRO

RS-B755 3-HEAD STEREO CASSETTE DECK

- Quartz Direct Drive Motor. High torque rating means less strain, improved reliability and longer service life.
- 3-head system with double Dolby B-C NR.
- Linear Magnefield Class AA. This refined version of Class AA rec/amp effectively prevents head-coil impedance from affecting mid to high frequency response and phase linearity.
- APRS (Advanced Precise Rec-level System) electronically links rec level control and peak hold indication for easy accurate setting.
- Cassette stabilizer with Power Loading to improve tape to head contact.
- Linear Electronic counter.
- Dolby HX PRO.
- 2 motor full logic control.
- Dual range peak hold FL meters.



class AA

- ☐ DOLBY B-C NR
- ☐ DOLBY HX PRO

RS-B655 QUARTZ DIRECT DRIVE STEREO CASSETTE DECK

■ High torque quartz DD motor. ■ Linear Magnetfield Class AA rec/amp. ■ APRS (Advanced Precise Rec-level System). ■ Dolby B-C NR, Dolby HX PRO. ■ Linear Electronic counter for real time tape elapsed measurement. ■ 2 motor full logic control. ■ Dual range peak hold FL meters. ■ Bias fine adjustment. ■ MPX filter on/off. ■ Headphone output level control.

class AA

- ☐ DOLBY B-C NR
- ☐ DOLBY HX PRO

RS-B555 DIRECT DRIVE STEREO CASSETTE DECK

■ High torque Direct Drive motor for extremely stable tape transport. ■ Linear Magnetfield Class AA rec/amp. ■ APRS. ■ Dolby B-C NR, Dolby HX PRO. ■ Electronic tape counter. ■ 2 motor full logic control. ■ Dual range peak hold FL meters. ■ Bias fine adjustment. ■ MPX filter on/off. ■ Headphone output level control.

class AA

3 HEAD

- ☐ DOLBY B-C NR
- ☐ DOLBY HX PRO

RS-B905 DUAL-CAPSTAN 3-HEAD STEREO CASSETTE DECK

■ Dolby HX PRO dynamically optimizes the recording bias to enhance high range performance. ■ Dual-Capstan, Closed Loop system isolated the tape from outside influence while it is in the critical head contact area, minimizing both modulation noise and wow & flutter. ■ 3-head system: separate rec/pb heads allow off-the-tape monitoring a split second after recording. ■ Double 3NR system (dbx, Dolby B-C NR). ■ Class AA circuitry in rec/EQ amp assures that the recording waveform is faithful to the input signal. ■ Record level and bias preset calibration adjustment. ■ Phase Compensation Circuitry. ■ 2-motor drive with precision DC servo motors.

"Your attention is drawn to the fact that recording pre-recorded tapes or discs or other published or broadcast material may infringe copyright laws".



class **AA** **AUTO REVERSE**
☒ **DOLBY B-C NR**
☒ **DOLBY HX PRO**

RS-B608R QUICK REVERSE STEREO CASSETTE DECK WITH DOLBY HX PRO

■ Dolby HX PRO dynamically optimizes the recording bias to enhance high range performance. ■ 3 NR systems (dbx, Dolby B-C NR). ■ Quick-reverse mechanism with an infrared photosensor detection system. ■ Class AA circuitry in rec/amp assures that the recording waveform is faithful to the input signal. ■ 2-motor drive. ■ Microprocessor feather-touch control. ■ Wide-range 3-colour FL peak level meters. ■ Auto rec mute and music select. ■ Electronic digital tape counter.



☒ **DOLBY B-C NR**

RS-B355 2-MOTOR, MICROPROCESSOR-CONTROLLED STEREO CASSETTE DECK

■ Microprocessor feather-touch control with a 2-motor drive achieves greater reliability and smoother operation, while contributing to tape speed accuracy. ■ Dolby B & C noise reduction system. ■ 2-colour LED peak level meters. ■ Auto rec mute. ■ Master rec level control. ■ Metal compatible MX head. ■ Auto tape select with LED indicators. ■ Black (K)/Silver (S).



☒ **DOLBY B-C NR**

RS-B205 SOFT-TOUCH CONTROL STEREO CASSETTE DECK

■ Dolby B & C noise reduction systems effectively minimize tape hiss and assure maximum compatibility. ■ Soft-touch control includes direct mode switching and one touch recording. ■ 2-colour LED peak level meters make recording level adjustment easy and accurate. ■ Timer record/playback capability (with optional timer).

"Your attention is drawn to the fact that recording pre-recorded tapes or discs or other published or broadcast material may infringe copyright laws".



AUTO-REVERSE dbx DOLBY B-C NR DOLBY HX PRO

RS-TR555 DOUBLE QUICK REVERSE CASSETTE DECK

- Features two quick reverse decks for recording and playback. ■ Dolby HX PRO. ■ 3NR systems: dbx and Dolby B-C NR. ■ Quick reverse mechanism with an infrared photosensor detection system. ■ Microprocessor full-logic control. ■ Dual FL electronic tape counters. ■ Series recording and parallel recording. ■ High speed editing. ■ Series playback (upto 24 hours). ■ Music select. ■ Dual range 2-colour FL peak level meters. ■ 2-motor full-logic control. ■ Auto tape select. ■ L/R independent rec level controls. ■ Remote control terminal.



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RS-TR355 DOUBLE AUTO-REVERSE CASSETTE DECK

- Features two auto-reverse decks: DECK 2 rec/play, DECK 1 play only. ■ Dolby HX PRO. ■ Dolby B-C NR. ■ Microprocessor full-logic control. ■ Dual FL electronic tape counters. ■ High-speed editing. ■ Series playback (upto 24 hours). ■ Synchro start/stop and auto rec-mute. ■ Dual-range 2-colour FL peak level meters. ■ Auto tape select. ■ L/R independent rec level controls. ■ Remote control terminal. ■ Black (K)/Silver (S).



AUTO-REVERSE DOLBY B-C NR DOLBY HX PRO

RS-TR255 AUTO-REVERSE DOUBLE CASSETTE DECK.

- Features an auto-reverse deck (DECK 2- rec/play) and a standard deck (DECK 1- play only). ■ Dolby B-C NR. ■ High-speed editing. ■ Series playback (upto 18 hours). ■ 2-colour LED peak level meters. ■ Timer record/playback capability. ■ Synchro start/stop and auto rec-mute. ■ L/R independent rec level controls. ■ Auto tape select. ■ Remote control terminal.



AUTO-REVERSE DOLBY B-C NR

RS-T130 STEREO DOUBLE CASSETTE DECK

- Dolby B NR. ■ Microprocessor soft logic control. ■ High-speed editing. ■ Series playback. ■ Auto space control. ■ 2-colour LED peak level meters. ■ Timer record/playback capability. ■ Synchro start. ■ Auto tape select.



DOLBY B NR

CD PLAYERS



A familiar problem to HiFi manufacturers; trusted with the music faithfully captured on compact disc the challenge is to reproduce all the subtlety of intonation and timbres as well as enabling the full emotion of the performance to be felt by listeners.

Digital systems do cope admirably with big sounds, but subtle detail can be lost in the process of converting the 16 bit digital data from the disc into music. In order to avoid these problems Technics applies original technology to CD players resulting in a range of players with resolution as great as 20 bits, not only clearly in excess of the detail on the disc but with oversampling enabling a very precise reconstruction of the original music, complete in every subtle detail.

The character of the sounds, the intonations of the musicians, the timbres of the instruments and even the passion of the music can be communicated, giving complete satisfaction to the listener.



SL-P999 PROGRAMMABLE COMPACT DISC PLAYER

- 4-DAC Linear 20-Bit 8-Times Oversampling System. The 4-DAC system eliminates zero cross distortion, while 8-Times Oversampling dramatically improves S/N ratio. With Linear 20-bit resolution, even small signal details are revealed with striking clarity.
- Optical digital output.
- Sample/hold noise suppression. Stops sample/hold noise that appears when handling small signals. Improves fidelity of pianissimo passages.
- Floating optical deck.
- Class AA circuitry used in sample & hold, line out, and headphone circuits for improved sound quality.
- Discrete Low Noise Active Servo Power Supply assures excellent power supply stability for optimum audio circuit performance.
- 8-sample linear interpolation. Powerful error correction prevents noise even in cases of 8 successive data dropout.
- Shuttle search dial. Easy, precise search operation at upto 76 times normal speed.
- Window search. Search from pause mode to enable 0.2 or 1 second repeat at the point where the dial is released. Allows pin point access while checking music at current location.
- Peak level search.
- Random Play.
- 8cm ready.
- 43-key full remote control.
- FL display on/off.
- Digital output on/off.

4-DAC Linear 20 BIT Digital Optical Link
class AA compact disc DIGITAL AUDIO



40kC Linear 18bit Digital Optical Link
class AA COMPACT DISC DIGITAL AUDIO

SL-P777 PROGRAMMABLE COMPACT DISC PLAYER

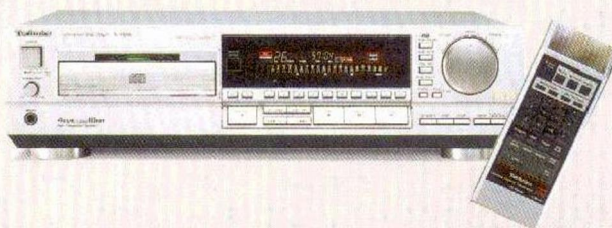
- 4-DAC Linear 18-Bit 4-Times Oversampling System. The 4-DAC system eliminates zero cross distortion, while 4 Times oversampling reduces noise and distortion. High resolution thanks to 18-bit operation at all signal levels.
- Optical digital output. ■ Floating optical deck. ■ Class AA circuitry used in line out and headphone circuits improves linearity and sound quality. ■ 8-sample linear interpolation. Powerful error correction prevents noise even in cases of 8 successive data dropout. ■ Shuttle search dial. Easy, precise search operation at up to 76 times normal speed. ■ Window search. Search from pause mode to enable 0.2 or 1 second repeat at the point where the dial is released. ■ Random Play. ■ 8cm ready. ■ 43-key full remote control. ■ FL display on/off. ■ Digital on/off.



40kC Linear 18bit Digital Optical Link
class AA COMPACT DISC DIGITAL AUDIO

SL-P555 PROGRAMMABLE COMPACT DISC PLAYER

- 4-DAC Linear 18-Bit 4-Times Oversampling System. ■ Optical digital output. ■ Class AA circuitry used in line out circuit improves linearity and sound quality. ■ High Speed Access System. ■ Aluminium front panel.
- Shuttle search dial. Easy, precise search operation at upto 76 times normal speed. ■ Cueing search. From pause mode, search gives 0.2 second repeat at the point where the dial is released. ■ Peak Level Search. ■ Music Scan. ■ Random Play. ■ 8cm ready. ■ 31-key full remote control (including volume). ■ Black (K)/Silver (S).



40kC Linear 18bit Digital Optical Link
class AA COMPACT DISC DIGITAL AUDIO

SL-P333 PROGRAMMABLE COMPACT DISC PLAYER

- Optical digital output terminal built in. Preserves signal purity by sending digital signals directly to a DAC equipped amp. ■ High Speed Access System. ■ Shuttle search dial. Easy, precise search operation at upto 76 times normal speed. ■ Cueing search. From pause mode, search gives 0.2 second repeat at the point where the dial is released. Allows pin-point access while checking music at current location. ■ Random Play. ■ Auto cue. ■ 20-selection random access programming. ■ 31-key full remote control. (Including volume, disc drawer open/close).



SL-P222A PROGRAMMABLE COMPACT DISC PLAYER

- 4-DAC Linear 18-Bit 4-Times Oversampling System. The 4-DAC system eliminates zero cross distortion, while 4-Times Oversampling reduces noise and distortion. High resolution thanks to 18-bit operation at all signal levels. ■ Optical digital output. ■ High Speed Access System. ■ Random Play. ■ A-B repeat. ■ Auto cue. ■ Music scan. ■ 8cm ready. ■ 20-selection random access programming. ■ 31-key full remote control. ■ Black (K)/Silver (S).



SL-P202A PROGRAMMABLE COMPACT DISC PLAYER

- Linear 18-Bit 4-Times Oversampling digital filter, L/R separate 2-DAC equipped. ■ High Speed Access System reduces average access time to only approximately one second. ■ Random Play. ■ 20-selection random access programming. ■ Auto cue. ■ Music scan. ■ 8cm ready.



SL-PJ46A 360mm WIDE PROGRAMMABLE COMPACT DISC PLAYER

- 2-DAC linear 18-Bit 4-Times oversampling D/A converter system. ■ 20-selection random access programming with 10 keys on the front panel or remote control. ■ Multi-function 2-colour FL display with Music Matrix. ■ Auto CD Editing function. ■ Optical digital output terminal. ■ High Speed Access System – average access time around 1 second. ■ 21-key remote control. ■ 8cm ready.



SL-PJ26A 360mm WIDE PROGRAMMABLE COMPACT DISC PLAYER

- 2-DAC linear 18-Bit 4-Times oversampling D/A converter system. ■ 20-selection random access programming. ■ Multi-function 2-colour FL display. ■ High Speed Access System. ■ Remote control capable with suitable Technics systems. ■ 8cm ready.



SL-PC20 CAROUSEL CD CHANGER

- Top loading 5-disc rotary design keeps discs visible. Lets you change discs during play.
- Repeat modes – disc, all discs, track or programme.
- Direct 5-key disc selection. Selected disc starts play automatically.
- Random play, 5-disc consecutive play, and 20-step programmed play.
- 4-Times oversampling (176.4kHz) digital filter and 2-DAC system (with one DAC per channel).
- 25-key remote control.
- 8cm ready.

SL-P600C MULTI COMPACT DISC PLAYER

- Automatic CD changer with 6-disc magazine (SHCDS6).
- 4-times oversampling High Resolution Digital Filter.
- Self-illumination disc selection switcher with 2 colour LED's.
- 36 selection random access programming with 10-key control panel.
- Multi-function 2 colour FL display with music matrix.
- Random play.
- 23 key remote control.



SL-P1200 PROFESSIONAL CD PLAYER

- Particularly heavy and robust construction (anti-resonant 3 layer base with damping rubber, metal chassis and TNRC) to handle exceptional operating conditions such as high sound pressure levels in discos.
- 2 speed search dial for precise access.
- Class AA circuitry for fine musical detail.
- High resolution digital filter for clear sound reproduction.
- $\pm 8\%$ long stroke pitch control.
- Separate digital and analogue power supplies.
- 27 key remote control including volume.



Technics have now established new standards for Professional CD Players by developing the SL-P1200B – already in use at many BBC broadcast locations.



SL-XP2 PORTABLE COMPACT DISC PLAYER

- Ultra-light (360g including batteries).
- No external battery pack. Supplied AA-size Ni-Cd rechargeable batteries fit inside for up to 2½ hours play. Simultaneous charge and play possible via AC Adaptor (supplied). Ordinary LR6 alkaline batteries can also be used for up to 3½ hours play.
- Multi-function remote provides volume control and 1-key activation of play, stop and forward skip.
- Resume play.
- Random play.
- XBS to enhance low frequency signal reproduction.
- 18-step random access programming.
- Four times oversampling digital filter.
- Direct Drive motor.
- Inner-ear headphones (supplied) with switchable high-cut filter.
- 8cm ready.
- Auto-power off.



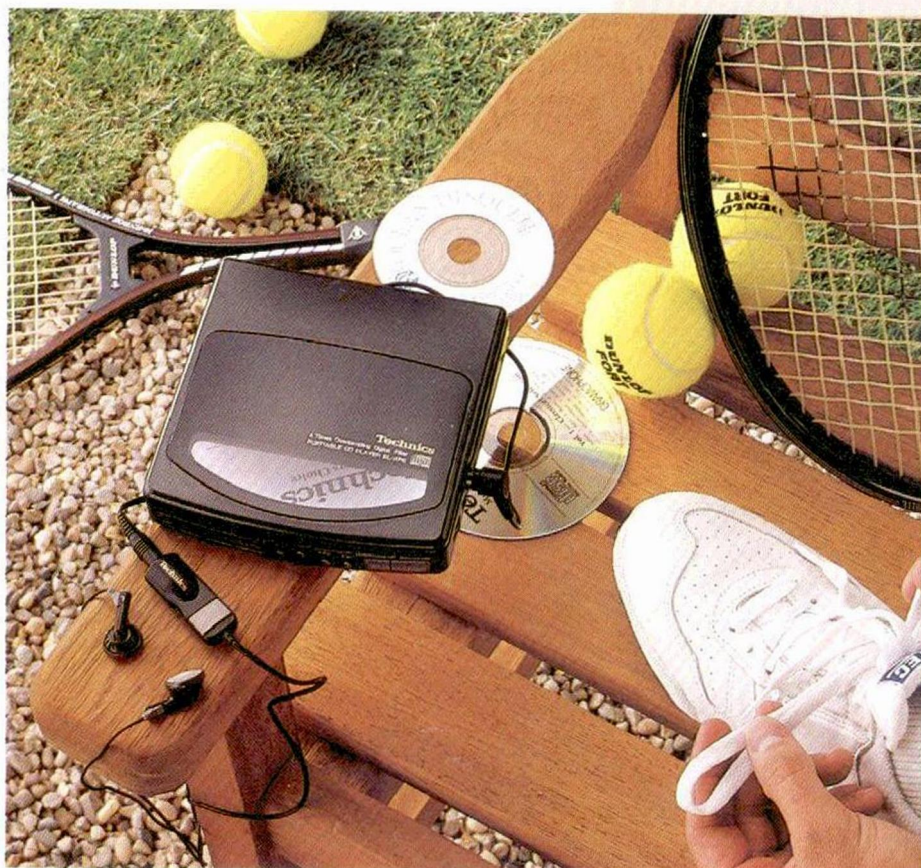
SL-XP6 PORTABLE COMPACT DISC PLAYER

- Ultra-light (390g including batteries) with tough die-cast aluminium top cover.
- No external battery pack. Supplied AA size Ni-Cd rechargeable batteries fit inside for up to 2 hours of play. Simultaneous charge and play possible via AC adaptor (supplied). Ordinary LR6 alkaline batteries can also be used for up to 3.5 hours of play.
- Multi-function remote provides volume control and 1-key activation of play, stop, and forward skip.
- Resume mode lets you automatically resume listening from start of song that was in play when power was turned off.
- Random Play and 18-step random access programming.
- Quadruple oversampling (176.4kHz) digital filter.
- Direct Drive motor for consistently superior performance.
- Inner-ear headphones (supplied) with switchable high cut filter.
- Carrying case and strap (supplied).
- Connection cord to use with home hi-fi system (supplied).
- 8cm ready.
- Auto power off.
- Black (K)/Silver (S).



SH-CDC6 CAR BATTERY ADAPTOR

- Option for Portable Compact Disc range.



SPEAKERS



SST-1

The research into excellent sound reproduction has resulted in the development of a new loudspeaker system configured similar to a musical instrument.

Based on original acoustic theory and using computer simulations the design utilises two different sized horns 3.2m and 2.6m — for low bass reproduction with low distortion as well as high efficiency.

- Woofer 14cm cone type with chitin diaphragm. ■ Tweeter 5cm horn type. ■ Supplied with stands.
- Available in Black (K).

SST-40WT

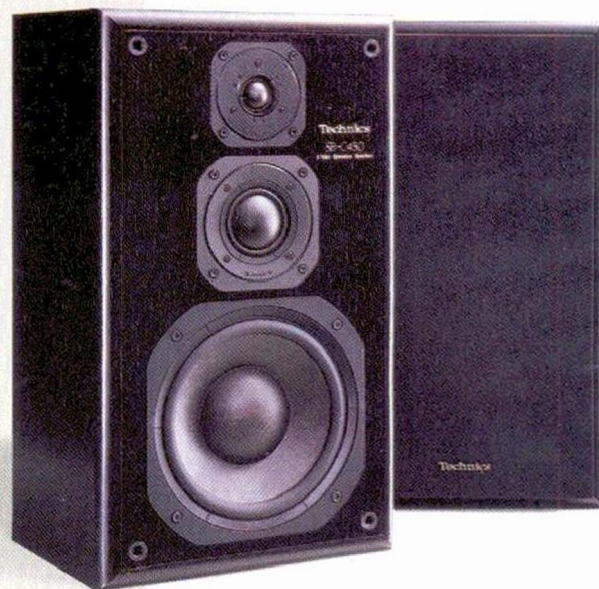
This compact Power Drive unit offering high efficiency with good sound quality has line inputs for CD and tape making it particularly suitable for personal stereo or portable CD application.

- Power output 20W x 2 (EIAJ, 1kHz, 6 Ω). ■ Dimensions 75(w) x 143 (h) x 183 (d)mm. ■ Weight 2.6kg.



SB-RX50 COAXIAL 2-WAY FLAT DIAPHRAGM SPEAKER SYSTEM

■ 24cm flat diaphragm bass unit with coaxial 2.8cm flat diaphragm tweeter producing an ideal point source of precise stereo imaging. ■ Bass unit diaphragm constructed of rigid cross carbon material maintaining pistonic motion to above 4kHz. ■ Tweeter diaphragm of mica epoxy resin for higher strength and lowest mass. High efficiency samarium cobalt tweeter magnet system. ■ Balancing magnets reduce external magnetic field for AV use so that alongside a television monitor the SB-RX50 will have no adverse effects on the picture. ■ High purity LC-OFC wiring. ■ Input power 80W (160W music.)



SB-C450 3-WAY SPEAKER SYSTEM

■ TMD 20cm woofer. Computer designed for high rigidity and low distortion, this advanced woofer features unified construction of its diaphragm and centre cap D hence the TMD name, for 'Technics Monocoque Diaphragm.' With nodal drive, TMD nearly doubles the range of pistonic motion for greater sonic accuracy and coherence. The Crystallised Mica Polypropylene or CMP diaphragm material has the high internal loss needed for satisfying bass response. Rated power handling is 100W DIN (200W music) thanks to the 38mm voice coil's heat resistance. ■ 4.5cm soft dome midrange. Achieves accurate pistonic motion and broad dispersion for natural midrange detail. ■ 2.5cm soft dome tweeter. Magnetic fluid raises power handling to assure greater reliability. ■ Highly rigid non-diffractive baffle.

SB-C350 3-WAY SPEAKER SYSTEM

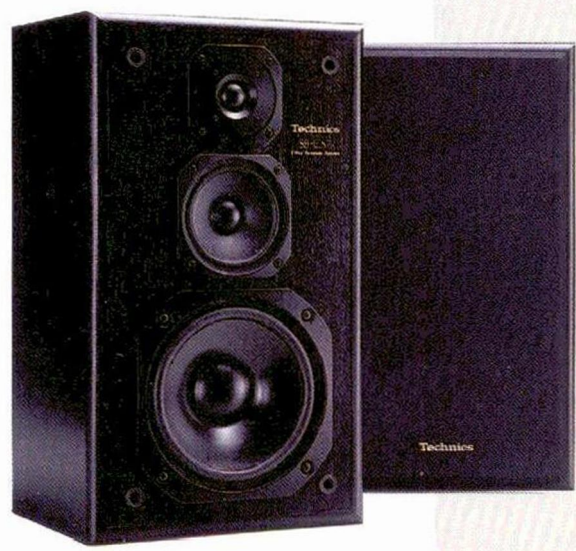
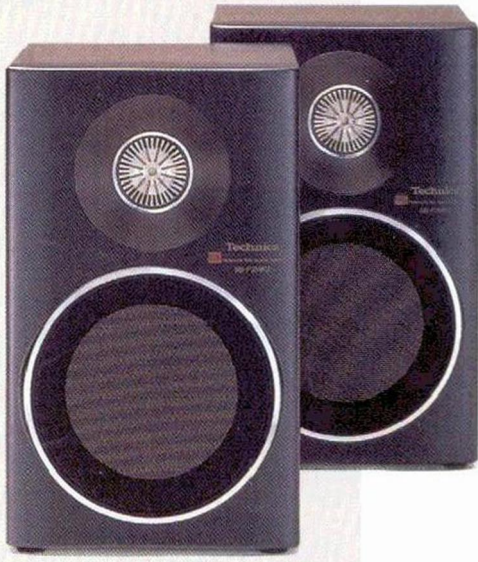
■ 20cm CMP (Crystallised Mica Polypropylene) bass unit. ■ 10cm CMP midrange unit. ■ 2.5cm soft dome tweeter. ■ Cabinet edges rounded to reduce secondary diffraction and assure precise stereo imaging. ■ Input power 70W DIN (140W music). ■ Dark walnut effect (M).



SB-C250 2-WAY SPEAKER SYSTEM

■ 18cm CMP (Crystallised Mica Polypropylene) bass unit has high rigidity, low bass and high internal losses giving ideal characteristics. Dual linear suspension improves linearity at high levels. ■ 2.5cm dome tweeter with silk and resin diaphragm permits extended frequency response and ideal dispersion characteristics for excellent imaging and delicate high frequency performance. ■ Rounded cabinet edges. ■ Input power 60W DIN (120W music). ■ Dark walnut effect (M).





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Archiv Michael Otto

SB-CS9 3-WAY SPEAKER SYSTEM

- Soft dome tweeter offers a wider listening area. ■ Rounded baffles to avoid diffraction effects. ■ Sturdy cabinet construction. ■ 20cm woofer. ■ Input power 100W DIN (200W music). ■ Dark Ash effect (K).

SB-CS7 3-WAY SPEAKER SYSTEM

- Soft dome tweeter. ■ Rounded baffles. ■ 18cm woofer. ■ Input power 80W DIN (160W music). ■ Dark Ash effect (K).

SB-CS5 2-WAY SPEAKER SYSTEM

- Soft dome tweeter. ■ Rounded baffles. ■ 18cm woofer. ■ Input power 60W DIN (120W music). ■ Dark Ash effect (K).

SB-F2MKII 2-WAY COMPACT HONEYCOMB DISC SPEAKER SYSTEM

- 14cm honeycomb disc bass unit and 2.8cm disc tweeter. ■ Diecast aluminium cabinet. ■ Rounded baffle edges reduce diffraction effects. ■ Magnetic shielding permits AV use alongside a colour TV. ■ 4Ω or 8Ω switchable. ■ Input power 50W DIN (100W music).

SB-F1MKII 2-WAY COMPACT HONEYCOMB DISC SPEAKER SYSTEM

- 12cm honeycomb disc bass unit and 2.8cm disc tweeter. ■ Diecast aluminium cabinet. ■ Rounded baffle edges reduce diffraction effects. ■ 4Ω or 8Ω switchable. ■ Input power 40W DIN (80W music).

TURNTABLES

Technics leading Direct Drive technology has achieved exceptional rotation control and low wow and flutter. Our integral rotor-platter design translates this precision into superb performance. This innovative D.D. design has helped establish Technics turntables as the standard for professional and broadcast use. Over 5000 broadcasting stations rely on Technics quality and accuracy on air whilst the SL 1210MKII is THE Club and Disco turntable.

Technics original **T4D** plug-in connector cartridge system is now used by Hi Fi manufacturers worldwide. Simply plug into the tonearm and tighten a single screw — no adjustment is needed. All **T4D** cartridges are interchangeable and compatible with each other.

As on the mastering lathe used to cut records, Technics Linear Tracking tonearm moves in a straight line across the record, virtually eliminating tracking error and distortion.

© bein-illustrator
Archiv Michael Otto



SL-1210MKII QUARTZ SYNTHESIZER DIRECT DRIVE TURNTABLE

- Total quartz locked continuous pitch adjustment up to $\pm 8\%$.
- Precision aluminium diecast cabinet and heavy rubber base material absorb unwanted vibrations.
- Unwavering quartz DD accuracy: wow & flutter 0.01% WRMS, rumble - 78dB (DIN B).
- Very high torque (1.5kg.cm) for quick start-ups.
- Highly sensitive low-mass tonearm with gimbal suspension.
- Helicoid tonearm height adjustment.
- SL-1200 MKII (Silver).
- This robust high performance turntable is virtually standard equipment in discotheques and professional DJ's appreciate the superb sound quality, versatility and precision robust construction.



QUARTZ DIRECT DRIVE



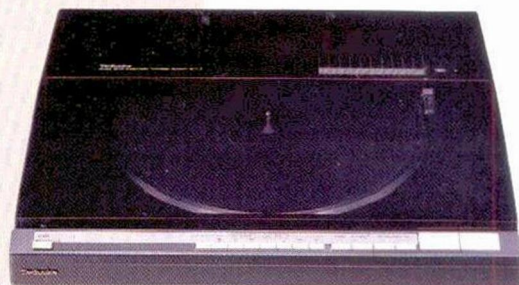
T4P QUARTZ
DIRECT DRIVE

SL-QD33 QUARTZ DD FULLY AUTOMATIC TURNTABLE

■ Fully automatic with separate microprocessor controlled arm drive motor. ■ Automatic disc size selection. The arm will not drop without a record in place. ■ Optical end of record detection reduces stylus wear. ■ Low mass straight tonearm with sensitive 4 point gimbal suspension and T4P universal cartridge mount. ■ Supplied with EPC P30 moving magnet cartridge.

SL-L3 PROGRAMMABLE QUARTZ LINEAR TRACKING TURNTABLE

■ 8 band random access programming. ■ Microprocessor controlled operation including automatic disc size and speed. ■ Direct access and skip functions. ■ Precision linear tracking tonearm with T4P universal cartridge mount. ■ Supplied with EPC P33 moving magnet cartridge.



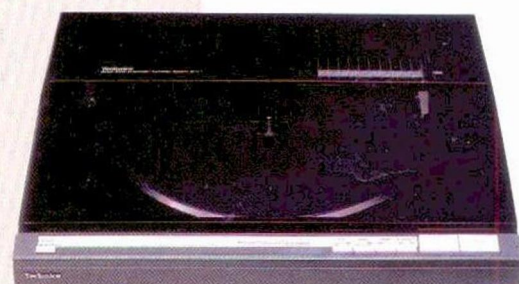
T4P QUARTZ
DIRECT DRIVE



T4P DIRECT DRIVE

SL-DD33 DIRECT DRIVE FULLY AUTOMATIC TURNTABLE

■ Phase locked DD motor minimises speed fluctuations. ■ Automatic disc size selection. The arm will not drop without a disc in place. ■ Low mass straight tonearm with sensitive 4 point gimbal suspension and T4P universal cartridge mount. ■ Antivibration TNRC (Technics Non Resonant Compound) base. ■ Supplied with EPC P30 moving magnet cartridge.



T4P DIRECT DRIVE



T4P FG SERVO

SL-L1 DIRECT DRIVE LINEAR TRACKING TURNTABLE

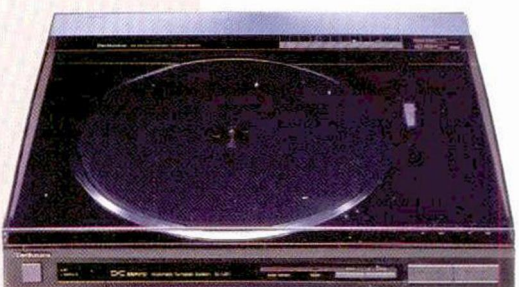
■ Direct-drive brushless DC motor. ■ Two speed search and repeat functions. ■ Automatic disc detection. The arm will not fall without a disc in place. ■ EPC P30 MM cartridge supplied.

SL-BD22 BELT DRIVE SEMI AUTOMATIC TURNTABLE

■ DC FG servo motor for speed stability and reliability. ■ Variable pitch control. ■ Illuminated stroboscope. ■ Low mass straight tonearm with sensitive 4 point gimbal suspension and T4P universal cartridge mount. ■ EPC P24 moving magnet cartridge supplied. ■ Available in black (K) or silver (S).

SL-L20 AUTOMATIC LINEAR TRACKING TURNTABLE

■ Microprocessor controlled linear tracking tonearm with T4P universal cartridge mount. ■ Two speed search and repeat functions. ■ DC servo motor belt drive system ■ Automatic disc detection. ■ EPC P30 MM cartridge supplied.



T4P

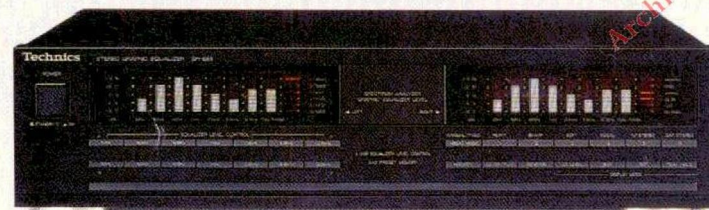
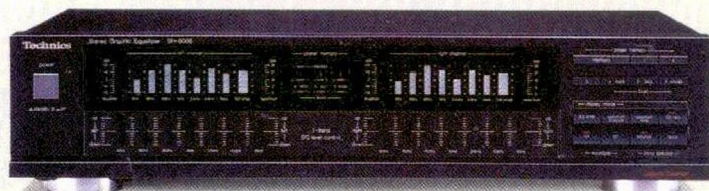
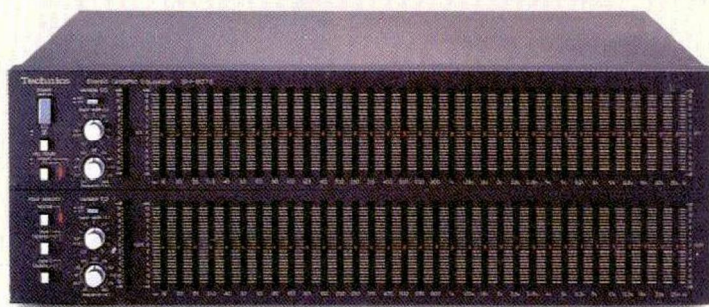


T4P

SL-BD20 BELT DRIVE SEMI AUTOMATIC TURNTABLE

Similar to SL-BD22. ■ Without stroboscope and pitch control. ■ DC servo motor.

EQUALISERS



SH-8075 PROFESSIONAL THIRD OCTAVE STEREO EQUALISER

■ 33 band $\frac{1}{3}$ octave design 16Hz~25kHz. ■ Constant Q maintains filter steepness at all settings. ■ Variable 20~400Hz additional parametric equaliser to compensate for room standing waves. ■ Equalisation ± 12 dB. ■ Record EQ allows equalised sound to pass straight to a recorder. ■ Facilities for two recordings with EQ between.

SH-8066 STEREO TOUCH SENSITIVE EQUALISER

■ 12 band ± 12 dB equalisation. ■ Technics original touch control pad allows the required EQ to be drawn by hand for each channel. ■ 8 preset EQ curves can be memorised. Two curves can also be recalled and added together. ■ Built in dual real time spectrum analyser and EQ display.

SH-8058 ELECTRONIC STEREO GRAPHIC EQUALISER

■ The SH-8058 lets you boost or attenuate up to 12dB (in steps of 2dB) in seven bands across the audio spectrum. ■ Electronic up/down keys make setting easy—simply watch the FL display as you key in the desired curve. ■ 6-preset EQ curve memory includes 3 factory presets (rock, jazz, vocal). ■ Dual spectrum analyzers/EQ curve displays for L/R channels. ■ Black (K)/Silver (S).

SH-8038 STEREO GRAPHIC EQUALISER

■ 7-band, ± 12 dB equalization for each channel. ■ Smooth slide controls with LED indicators. ■ 'Reverse' function inverts EQ curve, permitting unequalized playback of equalised tapes. ■ Tape recording/playback with equalization. ■ EQ on/off switch.

SH-E65 ELECTRONIC STEREO GRAPHIC EQUALISER

■ 360mm width (Remote control capable with suitable Technics 360 systems). ■ 7-band, ± 12 dB equalization per channel. ■ Independent L/R spectrum analyzers. ■ 12 preset memories (6 fixed for various types of music). ■ EQ on/flat. ■ EQ reverse.

HEADPHONE



EAH-X250 Two Way Double Drive Unit System. 42mm Woofer, 32mm Tweeter
 ■ Closed back design—double earpads improve L.F. response and reduce external noises. ■ Litz LC-OFC cable and gold plated $\frac{1}{4}$ " jack. ■ 55 Ω impedance.

EAH-X200
 ■ Closed back design—double earpads improve L.F. response and reduce external noises. ■ Litz LC-OFC cable. ■ Gold plated $\frac{1}{4}$ " jack.

EAH-X120
 ■ High sensitivity, wide band reproduction. ■ Litz LC-OFC cable. ■ High performance neodymium magnet.

EAH-X80
 ■ PEN film diaphragm—very light but rigid and durable. ■ Lightweight CCAW voice coil.

EAH-X15
 ■ 40mm Flat-Disc Diaphragm for low distortion powerful bass. ■ Lightweight 125g. ■ 45 Ω impedance.

EAH-X10
 ■ 40mm Drive Unit. ■ Lightweight 110g. ■ 45 Ω impedance.

EAH-X8
 ■ 32mm Drive Unit. ■ Lightweight 85g. ■ 45 Ω impedance.

EAH-Z70
 ■ Inner-ear type. ■ Two way double drive unit system. 19mm woofer, 11mm tweeter. ■ Litz LC-OFC cable reduces signal transmission loss. ■ Gold plated 3.5mm jack ($\frac{1}{4}$ " adaptor supplied). ■ Complete with compact carrying case. ■ 28 Ω impedance.

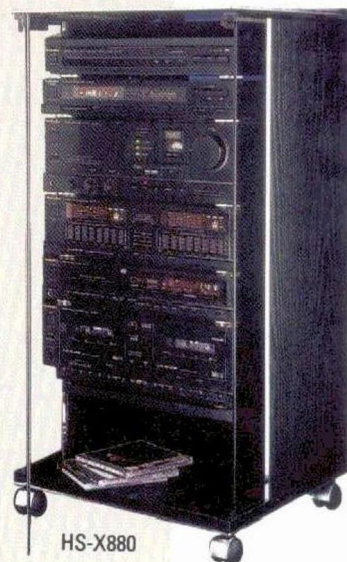
EAH-Z50
 ■ Inner-ear type. ■ Two way double drive unit system. ■ Complete with compact carrying case.



CABINETS



HS-1



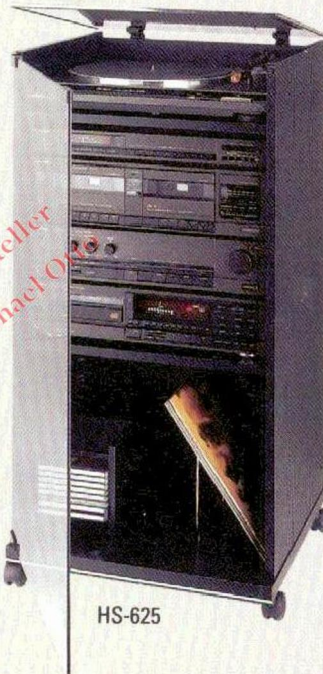
HS-X880



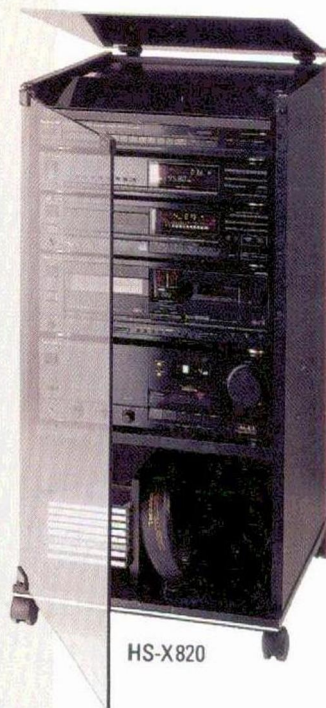
HS-690



HS-666



HS-625



HS-X820



CD-01

HS-1

■ Horizontal open style. ■ Length 1.1m. ■ Black Ash effect. ■ Optional speaker stands available (HS-LST10).

HS-690

■ Real wood veneer. ■ Hinged wooden lid. ■ Full smoked glass door. ■ Height (internal) 90cm. ■ Mahogany (MH) or dark walnut (WN) finishes. ■ Top shelf fixed, one adjustable shelf. ■ Castors (behind lower skirting).

HS-666

■ Vertical deluxe construction. ■ Glass lid. ■ Smoked glass door and part glass sides. ■ Height (internal) 1.0m. ■ Black Ash effect. ■ Top shelf fixed, two adjustable shelves.

CD-01

■ CD storage unit. ■ Set of 2 pieces. ■ Modular – can be fitted together vertically or horizontally using supplied pins.

HS-625

■ Glass lid. ■ Full clear glass door. ■ Height (internal) 85cm. ■ Black Ash effect. ■ Top shelf fixed, one adjustable shelf.

HS-X880

■ 360 hifi system cabinet. ■ Glass lid. ■ Smoked glass door and part glass sides. ■ Black Ash effect. ■ One adjustable shelf.

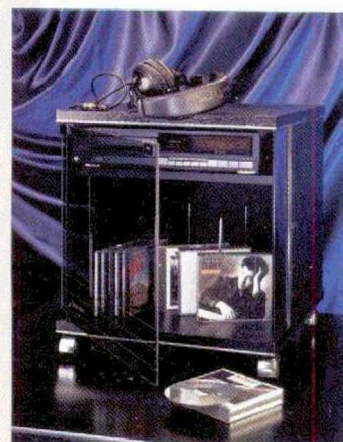
HS-X820

■ 360 hifi system cabinet. ■ Glass lid. ■ Full clear glass door. ■ Black Ash effect. ■ One adjustable shelf.

HS-X815

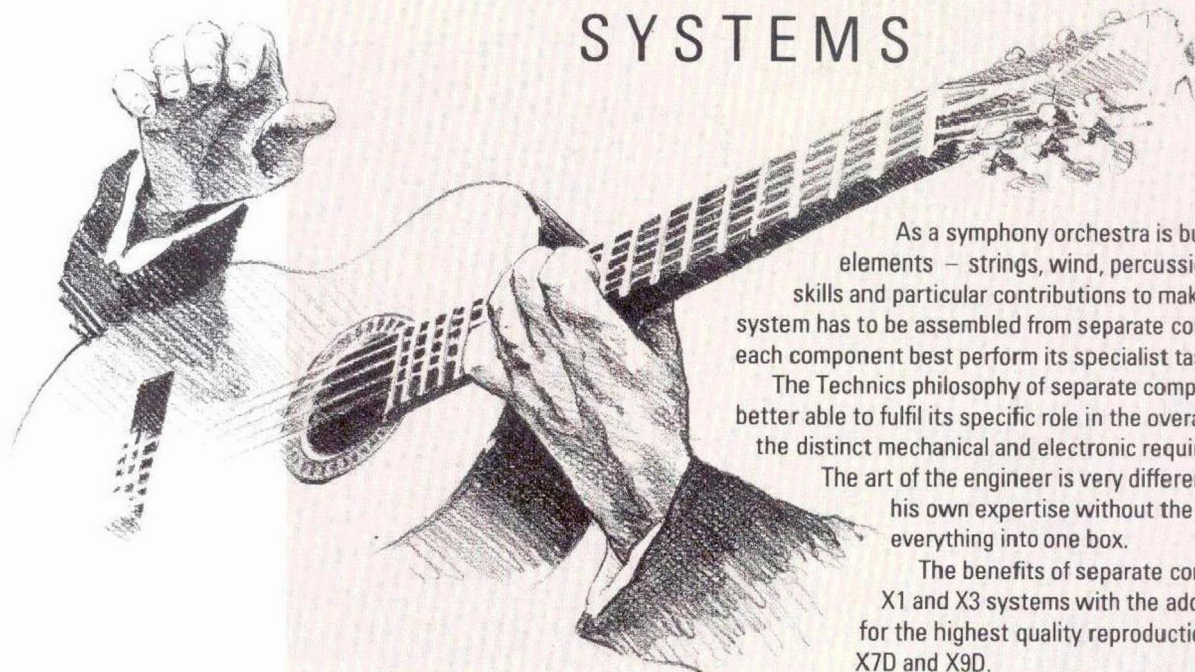
■ 360 cube. ■ Fixed wooden lid. ■ Suitable for 360 components or for software storage. ■ Black Ash effect. ■ One adjustable shelf.

Cabinets shown with optional hi-fi components.



HS-X815

SYSTEMS



As a symphony orchestra is built from individual musical elements – strings, wind, percussion, each with specific specialist skills and particular contributions to make to the whole, so a good HiFi system has to be assembled from separate components. Only in this way can each component best perform its specialist task.

The Technics philosophy of separate components means that each unit is better able to fulfil its specific role in the overall system, without compromising the distinct mechanical and electronic requirements of each component.

The art of the engineer is very different for each unit and each can apply his own expertise without the constraints of having to design everything into one box.

The benefits of separate components are available on the X1 and X3 systems with the added benefit of digital optical link for the highest quality reproduction from CD on the X5D, the X7D and X9D.

X9D



31-KEY INFRARED REMOTE CONTROL

100W x 2 CLASS AA DIGITAL AMPLIFIER

DOUBLE REVERSE (DOUBLE REC/PLAY) CASSETTE DECK

QUARTZ SYNTHESIZER DIGITAL TUNER WITH AUDIO TIMER

PROGRAMMABLE QUARTZ DD LINEAR TRACKING TURNTABLE

3-WAY SPEAKER SYSTEM

SU-X999 100W x 2 CLASS AA DIGITAL AMPLIFIER

■ Technics SU-X999 amp has a built-in D/A converter and an optical digital input terminal which receives digital signals directly from the CD player. This guarantees that CD signals come through virtually free of distortion, for superb playback.

■ 100W x 2 of output power (DIN, 8Ω) with an extraordinary low distortion level of 0.007% (1kHz, 8Ω) due to high quality Class AA circuitry.

■ 7 input facilities (CD, DAT, tape1, tape2, aux, tuner, phono). ■ AV Surround Circuit for creating exciting ambient effects. (Optional speakers S8-S30). ■ Super Bass switch gives ideal bass boost to your speakers.

RS-X990 HIGH SPEED EDITING DOUBLE AUTO-REVERSE DECK

■ The RS-X990 has two auto-reverse decks for recording and playback versatility. For example, you can use two 90-min tapes for 3-hours series recording or carry out simultaneous parallel recording on both DECK A and DECK B. Series playback allows continuous, consecutive playback from both sides of both tapes. High-speed Editing cuts music transfer and editing time in half. And the infrared sensing Quick-Reverse Mechanism cuts reversing time to about 1 second. ■ Auto fade in/out key. ■ Microprocessor full-logic control, 2-motor feather-touch operation. ■ External editing function enables equalized tape editing or mixing. ■ Dolby B-C NR. ■ Tape-to-tape synchro start. ■ Timer rec/play capability.

ST-X999L QUARTZ SYNTHESIZER DIGITAL TUNER

■ Technics quartz synthesizer circuitry guarantees greater accuracy, sound quality, and convenience. ■ 28 random access presets ■ Built-in quartz programmable timer with three operation modes; once, weekly and sleep. ■ Auto-scan tuning and auto memory.

SL-J300R PROGRAMMABLE QUARTZ DD LINEAR TRACKING TURNTABLE

■ The SL-J300R turntable employs a quartz-controlled direct drive motor with outstanding accuracy. Wow and flutter is an incredibly low 0.025% WRMS, and rumble is – 78dB (DIN B). The computer-controlled linear tracking tonearm virtually eliminates tracking angle error. ■ 8-band random access programming. ■ Synchro-rec function. ■ TNRC (Technics Non-Resonant Compound) base.

S8-CS9 3-WAY SPEAKER SYSTEM

■ Developed especially for digital source reproduction, this new speaker system prevents diffraction effects by employing a baffle with rounded edges. Sturdy cabinet construction, sophisticated dome tweeter design and other features also contribute to improved S/N ratio and stereo imaging. ■ Input power: 100W (DIN), 200W (music). ■ 20cm woofer.

OPTIONAL COMPONENTS

SL-PJ46A PROGRAMMABLE CD PLAYER

(Illustrated) For details see page 16.

SH-E65 ELECTRONIC GRAPHIC EQUALIZER

(Illustrated) For details see page 24.

class AA

Digital Optical Link



AUTO REVERSE

AUTO REVERSE

AV

X7D



31-KEY INFRARED REMOTE CONTROL

80W x 2 NEW CLASS A DIGITAL AMPLIFIER

DOUBLE REVERSE (DOUBLE REC/PLAY) CASSETTE DECK

QUARTZ SYNTHESIZER DIGITAL TUNER WITH AUDIO TIMER

FULLY AUTOMATIC TURNTABLE

3-WAY SPEAKER SYSTEM

SU-X977 DIGITAL AMPLIFIER

■ Technics SU-X977 amp has a built-in D/A converter and an optical digital input terminal which receives digital signals directly from the CD player. The optical link transfers the CD signals with virtually no distortion, for absolute CD sound fidelity. The New Class A amp circuitry is exceptionally clean and powerful – it puts out 80W per channel (DIN, 8Ω)

with THD of only 0.009% (1kHz, 8Ω).
■ Digital Encoded Volume with level indicator. ■ AV Surround Circuitry. (Optional speakers SB-S30). ■ 7 input facilities. ■ Super Bass switch.

RS-X990 HIGH SPEED EDITING DOUBLE AUTO-REVERSE DECK

ST-X999L QUARTZ SYNTHESIZER DIGITAL TUNER

SL-J110R FULLY AUTOMATIC TURNTABLE

■ T4P cartridge ■ Synchro-rec function.

SB-CS7 3-WAY SPEAKER SYSTEM

■ Powerful 18cm woofer. ■ Rounded cabinet design. ■ Dome tweeter. ■ Input power 80W (DIN), 160W (music).

OPTIONAL COMPONENTS

SL-PJ46A PROGRAMMABLE CD PLAYER

(Illustrated) For details see page 16.

SH-E65 ELECTRONIC GRAPHIC EQUALIZER

(Illustrated) For details see page 24.

X5D



31-KEY INFRARED REMOTE CONTROL

60W x 2 NEW CLASS A DIGITAL AMPLIFIER

DOUBLE QUICK REVERSE CASSETTE DECK

QUARTZ SYNTHESIZER DIGITAL TUNER WITH AUDIO TIMER

FULLY AUTOMATIC TURNTABLE

3-WAY SPEAKER SYSTEM

SU-X955 DIGITAL AMPLIFIER

■ Built-in D/A converter. ■ Optical digital input. ■ New Class A amp circuitry is exceptionally clean and powerful. ■ 60W per channel (DIN, 8Ω) with THD of only 0.009% (1kHz, 8Ω). ■ Digital Encoded Volume with level indicator. ■ AV Surround Circuitry creates a breathtaking concert hall ambience. (Optional speakers SB-S30). ■ 7 input facilities.

■ Super Bass switch. ■ A or B speakers.

RS-X980 DOUBLE AUTO-REVERSE DECK

■ The cassette deck features two auto-reverse decks (DECK A, rec/playback; DECK B, playback only). The quick-reverse mechanism uses an infrared photosensor for fast switching. ■ High-speed editing. ■ Series playback. ■ Microprocessor full-logic control. ■ Electronic digital counter. ■ Dolby B-C NR. ■ Tape-to-tape synchro start. ■ Music select.

ST-X999L QUARTZ SYNTHESIZER DIGITAL TUNER

SL-J110R FULLY AUTOMATIC TURNTABLE

SB-CS7 3-WAY SPEAKER SYSTEM

OPTIONAL COMPONENTS

SL-PJ46A PROGRAMMABLE CD PLAYER

(Illustrated) For details see page 16.

SH-E65 ELECTRONIC GRAPHIC EQUALIZER

(Illustrated) For details see page 24.

T4P is the standard mark for the plug-in connector system. Products carrying this mark are interchangeable and adaptable with each other.

X3



HI-FI SEPARATE COMPONENTS
31-KEY INFRARED REMOTE CONTROL
50W x 2 NEW CLASS A AMPLIFIER
DOUBLE AUTO-REVERSE CASSETTE DECK
QUARTZ SYNTHESIZER DIGITAL TUNER WITH 24 PRESETS
FULLY AUTOMATIC TURNTABLE
2-WAY SPEAKER SYSTEM



SB-S70 AV surround rear speakers (Optional).

new class A



AUTO-REVERSE

AV

SU-X933 NEW CLASS A AMPLIFIER

■ 50W + 50W (DIN, 8Ω) with only 0.03% distortion (1kHz, 8Ω), and New Class A circuitry eliminates switching distortion for top fidelity. ■ Digitally Encoded volume with level indicator. ■ Super Bass level control. ■ Muting switch. ■ AV Surround circuitry. (Optional speakers SB-S70).

RS-X933 DOUBLE AUTO-REVERSE DECK

■ The cassette deck features two auto-reverse decks (DECK A, rec/playback; DECK B, playback only). ■ High-speed editing. ■ Series playback. ■ CD-to-tape synchro start/stop. ■ Tape-to-tape synchro start. ■ Microprocessor full-logic control. ■ Dolby B-C NR. ■ Tuner play/rec capability.

ST-X933L QUARTZ DIGITAL TUNER

■ Quartz synthesizer tuning provides convenience and accuracy. With a 24-channel random access preset memory, you can store any combination of LW, MW and FM stations, up to a total of 24. You can

easily access the preset stations by using the 10 numeric keys. ■ The large FL display shows station frequency and preset channel number.

SL-J110R FULLY AUTOMATIC TURNTABLE

SB-CS5 2-WAY SPEAKER SYSTEM

■ Powerful 18cm woofer. ■ Rounded cabinet design. ■ Dome tweeter. ■ Input power 60W (DIN), 120W (music). ■ Removable grille.

OPTIONAL COMPONENTS

SL-PJ26A PROGRAMMABLE CD PLAYER

(Illustrated) For details see page 16.

SH-E65 ELECTRONIC GRAPHIC EQUALIZER

(Illustrated) For details see page 24.

"Your attention is drawn to the fact that recording pre-recorded tapes or discs or other published or broadcast material may infringe copyright laws".

X1



HI-FI SEPARATE COMPONENTS

31-KEY INFRARED REMOTE CONTROL

40W x 2 NEW CLASS A AMPLIFIER

AUTO-REVERSE DOUBLE CASSETTE DECK

QUARTZ SYNTHESIZER DIGITAL TUNER WITH 24 PRESETS

FULLY AUTOMATIC TURNTABLE

2-WAY SPEAKER SYSTEM

SU-X911 NEW CLASS A AMPLIFIER

■ 40W + 40W (DIN, 8Ω) with only 0.03% distortion (1kHz, 8Ω), and New Class A circuitry eliminates switching distortion for top fidelity. ■ Digitally Encoded Volume with level indicator. ■ Super Bass level control. ■ Muting switch. ■ AV Surround circuitry. (Optional speakers SB-S70).

RS-X911 AUTO-REVERSE DOUBLE CASSETTE DECK

■ The cassette deck features an auto-reverse deck (DECK A, playback only). ■ High-speed editing. ■ Series playback. ■ CD-to-tape synchro start/stop. ■ Tape-to-tape synchro start. ■ Microprocessor full-logic control. ■ Dolby B NR. ■ Timer play/rec capability.

ST-X933L QUARTZ DIGITAL TUNER

SL-J110R FULLY AUTOMATIC TURNTABLE

SB-F911 2-WAY SPEAKER SYSTEM

■ Powerful 16cm woofer. ■ 2.5cm cone-type tweeter. ■ Rounded baffle design. ■ Input power: 50W (DIN), 100W (music).

OPTIONAL COMPONENTS

SL-PJ26A PROGRAMMABLE CD PLAYER

(Illustrated) For details see page 16.

SH-E65 ELECTRONIC GRAPHIC EQUALIZER

For details see page 24.

X900



23-KEY INFRARED REMOTE CONTROL

30W x 2 AMPLIFIER

QUARTZ SYNTHESIZER DIGITAL TUNER WITH 24 PRESETS

DOUBLE CASSETTE DECK WITH SERIES PLAYBACK

FULLY AUTOMATIC TURNTABLE

2-WAY SPEAKER SYSTEM

SA-X900L STEREO DOUBLE CASSETTE RECEIVER

■ 30W x 2 Amplifier. Electronically driven Digitally Encoded Volume maintains sound quality over time. ■ Super Bass switch gives an ideal bass boost to the sound.

QUARTZ SYNTHESIZER TUNER

■ Digital Quartz synthesizer tuning provides convenience and accuracy. ■ 24-channel random access preset memory, you can store any combination of LW, MW and FM stations. ■ Includes Auto-scan tuning.

DOUBLE CASSETTE DECK WITH SERIES PLAYBACK

■ Series Playback. ■ Synchro-start lets you begin editing at the touch of a single key.

■ Microprocessor full-logic control assures comfortable, positive operation. ■ Rewind Auto Edit which automatically rewinds the tapes in both decks and starts recording from DECK B to DECK A. ■ CD-to-tape synchro start/stop. ■ Dolby B NR. ■ Automatic level control and auto tape selection (normal/CRO2).

SL-J90 DC SERVO BELT-DRIVE FULLY AUTOMATIC TURNTABLE

SB-F900 2-WAY SPEAKER SYSTEM

■ Input power 30W (DIN), 60W (music).

OPTIONAL COMPONENT

SL-PJ26A PROGRAMMABLE CD PLAYER

(Illustrated) For details see page 16.

AMPLIFIERS

Model	Continuous Power Output Per Channel		Input Sensitivity		Digital Inputs	Frequency Response		Signal/Noise Ratio		Power Supply	Dimensions W×H×D (mm)	Weight (kg)
	20Hz-20kHz (8Ω)	1kHz DIN (8Ω)	Phono	Tuner/CD/Aux/Tape		Phono	Tuner/CD/Aux/Tape	Phono	Tuner/CD/Aux/Tape			
SE-M100K Power Amplifier	115W/THD 0.005% 180W (4Ω)/THD 0.007%	125W 180W (4Ω) THD 0.0007% 0.005% (Digital Section)	Fixed/Variable 1V/18kΩ		2 × Optical 1 × Co-axial 1 × Tape (Co-ax)	Fixed/Variable 0.8Hz-120kHz (-3dB) +0dB, -0.2dB (20Hz-20kHz)		Fixed/Variable 105dB/120dB (IHF66) 112dB (Digital Section)		110/127/220/240V 50/60Hz 920W	430×161×403	16.5
SU-A 40K Pre-Amplifier	0.002%THD (MM) 0.003%THD (MC) 0.002% (Tuner, CD, Aux, Tape)		MM 2.5mV/47kΩ MC 170 μV/220Ω	150mV/18kΩ	—	RIAA ±0.2dB	20Hz-20kHz (-0.1dB) 0.8Hz-150kHz (-3dB) 2Hz-20kHz ±0.2dB	MM 79dB (88dB IHFA) MC 70dB (72dB IHFA)	92dB (106dB IHFA)	110/127/220/240V 50/60Hz 8W	430×103×290	4.0
SE-A 50K Power Amplifier	115W/THD 0.002% 160W (4Ω)/THD 0.005% 300W BTL (Mono)	125W 180W (4Ω) THD 0.0009% 360W BTL (Mono)	1V/47kΩ		—	20Hz-20kHz (-0.1dB) 0.8Hz-150kHz (-3dB)		105dB (116 dB IHFA)		110/127/220/240V 50/60Hz 900W	430×161×408	16.6
SU-V90DK	100W/THD 0.002% 0.003% THD (Digital Section)	115W/THD 0.0007% 150W (4Ω)	MM 2.5mV/47kΩ MC 170 μV/220Ω	150mV/18kΩ (Direct in 1V/47kΩ)	1×Optical 1×Co-axial	RIAA ±0.2dB	20Hz-20kHz (-0.1dB) 0.8Hz-150kHz (-3dB) 2Hz-20kHz ±0.3dB (Digital Section)	MM 79dB (88dB IHFA) MC 70dB (72dB IHFA)	100dB (106dB IHFA) 110dB (Digital Section)	110/127/220/240V 50/60Hz 765W	430×158×397	13.2
SU-V660K	85W/THD 0.005% 135W (4Ω)/THD 0.002%	95W/THD 0.0009% 135W (4Ω)/THD 0.002%	MM 2.5mV/47kΩ MC 170 μV/220Ω	150mV/22kΩ (Direct in 1V/18kΩ)	—	RIAA ±0.8dB	20Hz-20kHz (-0.2dB) 3Hz-100kHz (-3dB)	MM 79dB (88dB IHFA) MC 67dB (88dB IHFA)	97dB (106dB Direct)	240V 50/60Hz 640W	430×158×370	11.5
SU-V560K	60W/THD 0.005% 70W/THD 0.0009% 100W (4Ω)/THD 0.002%	70W/THD 0.0009% 100W (4Ω)/THD 0.002%	MM 2.5mV/47kΩ MC 170 μV/220Ω	150mV/22kΩ (Direct in 1V/18kΩ)	—	RIAA ±0.8dB	20Hz-20kHz (-0.2dB) 3Hz-100kHz (-3dB)	MM 77dB (83dB IHFA) MC 64dB (64dB IHFA)	97dB (106dB Direct)	240V 50/60Hz 520W	430×125×320	8.8
SU-V460K/S	45W/THD 0.005% 60W/THD 0.0009% 85W (4Ω)/THD 0.002%	60W/THD 0.0009% 85W (4Ω)/THD 0.002%	MM 2.5mV/47kΩ	150mV/22kΩ (Direct in 1V/18kΩ)	—	RIAA ±0.8dB	20Hz-20kHz (-0.2dB) 3Hz-100kHz (-3dB)	MM 76dB (81dB IHFA)	97dB (106dB Direct)	240V 50/60Hz 450W	430×125×320	8.0
SU-800K	40W/THD 0.06% 60W	60W	MM 2.5mV/47kΩ	150mV/22kΩ	—	RIAA ±0.8dB	5Hz-90kHz (-3dB)	MM 71dB (72dB IHFA)	90dB (98dB IHFA)	240V 50/60Hz 340W	430×97×240	5.8
SU-600K/S	30W/THD 0.07% 50W	50W	MM 2.5mV/47kΩ	150mV/22kΩ	—	RIAA ±0.8dB	5Hz-70kHz (-3dB)	MM 71dB (72 dB IHFA)	90dB (98dB IHFA)	240V 50/60Hz 250W	430×97×240	5.0

TUNERS

Model	FM Sensitivity (S/N 30dB) 75Ω	THD		FM S/N Ratio		FM Frequency Response	Alternate Channel Selectivity (±400kHz)	FM Stereo Separation (1 kHz)	AM Sensitivity (S/N 20dB)		AM Selectivity (±9kHz)		Output Voltage	Power Supply	Dimensions W×H×D (mm)	Weight (kg)
		Mono	Stereo	Mono	Stereo				MW	LW	MW	LW				
ST-680 LK	1.3μV	0.015%	0.02%	80dB (88dB IHF)	74dB (79dB IHF)	4Hz-15kHz +0.5dB, -0.5dB	55dB	60dB	20μV	50μV	50dB	50dB	0.3V	240V 50/60Hz 9.5W	430×94×288	3.5
ST-670 LK	1.3μV	0.015%	0.02%	72dB (80dB IHF)	66dB (73dB IHF)	4Hz-18kHz +0.5dB, -1.5dB	55dB	60dB	20μV	50μV	50dB	50dB	0.3V	240V 50/60Hz 9.5W	430×94×288	3.5
ST-6560 LK/S	1.3μV	0.015%	0.02%	72dB (80dB IHF)	66dB (73dB IHF)	4Hz-15kHz +0.5dB, -1.0dB	50dB	60dB	20μV	50μV	50dB	50dB	0.3V	240V 50/60Hz 9W	430×69×298	2.7
ST-6460 LK	1.3μV	0.05%	0.1%	72dB (80dB IHF)	65dB (73dB IHF)	4Hz-15kHz +0.5dB, -1.0dB	65dB	50dB	20μV	50μV	50dB	50dB	0.3V	240V 50/60Hz 9W	430×69×288	2.5
ST-600 LK/S	1.3μV	0.15%	0.3%	70dB (78dB IHF)	65dB (70dB IHF)	20Hz-15kHz +0.5dB, -1.5dB	65dB	40dB	20μV	50μV	50dB	50dB	0.3V	240V 50/60Hz 9W	430×53×220	2.0

RECEIVERS

Model	Output Power (Din, 1kHz) Both Channels Driven	THD (Half Power 1 kHz)	Input Sensitivity (Phono) (CD/Aux/Tape)	S/N Ratio (Phono) (CD/Aux/Tape)	Frequency Response (Phono) (CD/Aux/Tape)	Tuner Sensitivity			Power Supply	Dimensions W×H×D (mm)	Weight (kg)
						FM	MW	LW			
SA-R230 LK	50W×2 (8Ω)	0.03%	3.0mV/47kΩ 200mV/22kΩ	70dB (±6dB IHFA) 80dB (90dB IHFA)	RIAA ±0.8dB 7Hz-70kHz (-3dB)	1.5μV	20μV	45μV	240V 50/60Hz 330W	430×102×290	6.0
SA-180 LK	40W×2 (8Ω)	0.07%	3.0mV/47kΩ 200mV/22kΩ	68dB (71dB IHFA) 70dB (85dB IHFA)	RIAA ±0.8dB 8Hz-70kHz (-3dB)	1.5μV	20μV	45μV	240V 50/60Hz 250W	430×97×288	5.1

CASSETTE DECKS

Model	Wow & Flutter (WRMS)	Frequency Response (DIN)			Signal/Noise Ratio (Chrom)				Input Sensitivity		Output Level		Bias Frequency	Motors	Heads	Power Supply	Dimensions W×H×D (mm)	Weight (kg)
		Metal	Chrome	Normal	dbx (A WTD)	Dolby C (CCIR)	Dolby B (CCIR)	NR Out (A WTD)	Mic	Line	H/Ph	Line						
RS-B905 K	0.04%	30Hz-21kHz	30Hz-20kHz	30Hz-19kHz	92dB	75dB	67dB	57dB	—	60mV 47kΩ	125mV 8Ω	400mV 2.2kΩ	85kHz	2	Mx Rec ×1 Mx Play ×1 Double gap ferrite erase ×1	110/127 220/240V 50/60Hz 25W	430 × 110 × 285	5.0
RS-B755 K	0.05%	20Hz-20kHz	20Hz-19kHz	20Hz-18kHz	—	75dB	67dB	57dB	—	60mV 47kΩ	125mV 8Ω	400mV 800Ω	80kHz	Quartz DD×1 DC×2	Mx Rec ×1 Mx Play ×1 Double gap ferrite erase ×1	240V 50/60Hz 21W	430 × 135 × 290	5.3
RS-B655 K	0.05%	20Hz-18kHz	20Hz-17kHz	20Hz-16kHz	—	74dB	66dB	56dB	0.25mV 400Ω-10kΩ	60mV 47kΩ	125mV 8Ω	400mV 800Ω	80kHz	Quartz DD×1 DC×1	Mx Rec/Play ×1 Double gap ferrite erase ×1	240V 50/60Hz 21W	430 × 135 × 290	4.9
RS-B555 K	0.05%	20Hz-18kHz	20Hz-17kHz	20Hz-16kHz	—	74dB	66dB	56dB	0.25mV 400Ω-10kΩ	60mV 47kΩ	125mV 8Ω	400mV 800Ω	80kHz	DD×1 DC×1	Mx Rec/Play ×1 Double gap ferrite erase ×1	240V 50/60Hz 21W	430 × 125 × 290	4.4
RS-B355 K/S	0.08%	30Hz-17kHz	30Hz-16kHz	30Hz-15kHz	—	74dB	66dB	56dB	0.25mV 400Ω-10kΩ	60mV 47kΩ	30mV 8Ω	400mV 3.0kΩ	80kHz	2	Mx Rec/Play ×1 Double gap ferrite erase ×1	240V 50/60Hz 15W	430 × 115 × 287	4.3
RS-B205 K	0.08%	30Hz-15kHz	30Hz-15kHz	30Hz-15kHz	—	74dB	66dB	56dB	0.25mV 400Ω-10kΩ	60mV 47kΩ	65mV 8Ω	400mV 3.2kΩ	80kHz	1	Mx Rec/Play ×1 Double gap ferrite erase ×1	240V 50/60Hz 9W	430 × 115 × 236	3.0
RS-TR555 K	0.07%	20Hz-18kHz	20Hz-17kHz	20Hz-17kHz	92dB	74dB	66dB	56dB	—	60mV 47kΩ	30mV 8Ω	400mV 800Ω	80kHz	4	Mx Rec/Play ×2 Double gap ferrite erase ×2	240V 50/60Hz 22W	430 × 136 × 290	5.5
RS-TR355 K/S	0.07%	20Hz-18kHz	20Hz-17kHz	20Hz-17kHz	—	74dB	66dB	56dB	—	60mV 47kΩ	30mV 8Ω	400mV 800Ω	80kHz	2	Mx Rec/Play ×1 Mx Play ×1 Double gap ferrite erase ×1	240V 50/60Hz 15W	430 × 136 × 290	4.8
RS-TR255 K	0.07%	20Hz-17kHz	20Hz-15kHz	20Hz-15kHz	—	74dB	66dB	56dB	—	60mV 47kΩ	30mV 8Ω	400mV 800Ω	80kHz	2	Mx Rec/Play ×1 Mx Play ×1 Double gap ferrite erase ×1	240V 50/60Hz 15W	430 × 136 × 290	4.8
RS-T130 K	0.08%	30Hz-15kHz	30Hz-15kHz	30Hz-15kHz	—	—	66dB	56dB	—	60mV 47kΩ	30mV 8Ω	400mV 3.2kΩ	80kHz	2	Mx Rec/Play ×1 Mx Play ×1 Double gap ferrite erase ×1	240V 50/60Hz 18W	430 × 120 × 227	3.8
RS-B608 RK	0.08%	30Hz-18kHz	30Hz-17kHz	30Hz-16kHz	92dB	74dB	66dB	56dB	0.25mV 400Ω-10kΩ	60mV 47kΩ	30mV 8Ω	400mV 3.0kΩ	80kHz	2	Mx Rec/Play ×1 Double gap ferrite erase ×1	110/127 220/240V 50/60Hz 22W	430 × 115 × 287	4.3

CD PLAYERS

Model	Frequency Response	S/N Ratio	Total Harmonic Distortion (1kHz, 0dB)	Headphone Output (32Ω)	Output Voltage (0dB)	Power Supply	Dimensions W×H×D (mm)	Weight (kg)
SL-P1200K	4Hz-20kHz ±0.1dB	106dB	0.0025%	100mW	2.0V/200Ω	240V 50/60Hz 32W	430×168×380	14.5
SL-P999K	2Hz-20kHz ±0.3dB	113dB	0.0023%	60mW	2.5V/600Ω	110/127/220/240V 50/60Hz 16W	430×127×338	6.0
SL-P777K	2Hz-20kHz ±0.3dB	112dB	0.003%	60mW	2.5V/600Ω	110/127/220/240V 50/60Hz 15W	430×127×338	6.0
SL-P555K/S	2Hz-20kHz ±0.3dB	100dB	0.0035%	15mW	2.0V/600Ω	240V 50Hz 11W	430×116×333	5.2
SL-P333K	2Hz-20kHz ±0.5dB	96dB	0.005%	15mW	2.0V/600Ω	240V 50Hz 11W	430×92×278	3.6
SL-P222AK/S	2Hz-20kHz ±0.5dB	96dB	0.005%	15mW	2.0V/600Ω	240V 50Hz 13W	430×92×278	3.6
SL-P202AK	2Hz-20kHz ±0.5dB	96dB	0.005%	—	2.0V/600Ω	240V 50Hz 13W	430×92×274	3.6
SL-P600CK	2Hz-20kHz ±0.5dB	96dB	0.006%	15mW	2.0Vrms	240V 50/60Hz 15W	430×103×315	5.8
SL-PC20K	2Hz-20kHz ±1.0dB	96dB	0.05%	—	2.0Vrms	240V 50Hz 13W	430×96×362	3.9
SL-P46AK	2Hz-20kHz ±0.3dB	96dB	0.004%	15mW	2.0V/600Ω	240V 50Hz 13W	360×96×283	3.6
SL-PJ26AK	2Hz-20kHz ±0.5dB	96dB	0.005%	—	2.0V/600Ω	240V 50Hz 13W	360×96×280	3.4
SL-XP6K/S	20Hz-20kHz +0.5dB -1.0dB	88dB	0.008%	15mW	1.0Vrms	Rechargeable, 2LR6 or AC240V 50Hz 1.8W	126×28×128	350g (w/out batts)
SL-XP2K	20Hz-20kHz +0.5dB -1.5dB	96dB	—	15mW (16Ω)	1.0Vrms	Rechargeable, 2LR6 or AC240V 50Hz 1.8W	128×35×145	320g (w/out batts)

SPEAKERS											
Model	Configuration		Power handling Music (DIN)		Frequency range (-16dB)		Dimensions (each) W×H×D (mm)		Weight (each) (kg)		
SST-1K	2 way, Twin Load Horn		180W (80W) 6Ω		45Hz-20kHz		570×650×190 (w/out stands)		12.0 (w/out stands)		
SB-RX50	2 way, 2 driver, coaxial		160W (80W) 6Ω		30Hz-48kHz		300×480×282		16.5		
SB-C450K	3 way, 3 driver, closed		200W (100W) 6Ω		30Hz-33kHz		295×505×257		10.5		
SB-C350M	3 way, 3 driver, closed		140W (70W) 6Ω		36Hz-33kHz		280×495×208		7.4		
SB-C250M	2 way, 2 driver, closed		120W (60W) 6Ω		37Hz-33kHz		235×365×203		5.3		
SB-CS9K	3 way, 3 driver, closed		200W (100W) 8Ω		34Hz-25kHz		282×499×241		7.8		
SB-CS7K	3 way, 3 driver, closed		160W (80W) 8Ω		34Hz-25kHz		266×460×241		6.7		
SB-CS5K	2 way, 2 driver, closed		120W (60W) 8Ω		36Hz-25kHz		251×427×241		6.1		
SB-F2MK2K	2 way, 2 driver, closed		100W (50W) 4/8Ω		45Hz-35kHz		157×225×172		4.7		
SB-F1HK2K	2 way, 2 driver, closed		80W (40W) 4/8Ω		48Hz-35kHz		134×219×136		2.9		
TURNTABLES											
Model	Drive	Motor	Pitch Control Range	Wow & Flutter	Rumble	Cartridge Frequency Response	Power Supply	Dimensions W×H×D (mm)	Weight (kg)		
SL-1200/ 1210 MK II	Quartz DD	Ultra Low Speed Brushless DD	±8%	0.0025% (WRMS) ±0.0035% (Peak)	-78dB (DIN B) -56dB (DIN A)	10Hz-40kHz EPC-P30S	110/120 220 240V 50/60Hz 13.5W	453×162×360	11kg		
SL-0033 K	Quartz DD	Ultra Low Speed Brushless DD	—	0.0025% (WRMS) ±0.0035% (Peak)	-78dB (DIN B) -56dB (DIN A)	10Hz-40kHz EPC-P30S	240V 50/60Hz 8W	430×100×375	4.5		
SL-0033 K	Phase Locked DD	Ultra Low Speed Brushless DD	—	0.0025% (WRMS) ±0.0035% (Peak)	-78dB (DIN B) -56dB (DIN A)	10Hz-35kHz EPC-P30S	240V 50/60Hz 8W	430×100×375	4.5		
SL-L3 K	Quartz DD Fully Auto	Ultra Low Speed Brushless DD	—	0.025% (WRMS) ±0.035% (Peak)	-78dB (DIN B) -56dB (DIN A)	10Hz-50kHz EPC-P33	240V 50/60Hz 16W	430×90×350	5.2		
SL-L1 K	Direct Drive Fully Auto	Ultra Low Speed Brushless DD	—	0.025% (WRMS) ±0.035% (Peak)	-78dB (DIN B) -56dB (DIN A)	10Hz-35kHz EPC-P30	240V 50Hz 10W	430×90×350	4.8		
SL-L20 K	Belt Drive Fully Auto	DC Servo	—	0.045% (WRMS) ±0.035% (Peak)	-70dB (DIN B)	10Hz-35kHz EPC-P30S	240V 50/60Hz 8W	430×96×351	3.7		
SL-B022 K/S	Belt Drive Semi-Auto	FG Servo DC	±6%	0.045% (WRMS) ±0.06% (Peak)	-70dB (DIN B)	10Hz-30kHz EPC-P24S	240V 50/60Hz 8W	430×93×375	3.6		
SL-B020 K	Belt Drive Semi-Auto	DC Servo	—	0.045% (WRMS) ±0.06% (Peak)	-70dB (DIN B)	10Hz-30kHz EPC-P24	240V 50/60Hz 1.5W	430×93×375	3.6		
GRAPHIC EQUALISERS											
Model	Total Harmonic Distortion (20Hz-20kHz)	S/N Ratio	Frequency Response	Input Sensitivity and Impedance	Channel Separation (1kHz)	Band Level Controls	Centre Frequencies (Hz)	Power Supply	Dimensions W×H×D (mm)	Weight (kg)	
SH-8075K	0.001%	104dB (1V) 114dB (IHFA)	5Hz-100kHz (-1dB)	1V/47kΩ	70dB	±12dB Third Order	16, 20, 25, 31.5, 40, 50, 63, 80, 100, 125, 160, 200, 250, 315, 400, 500, 630, 800, 1k, 1.25k, 1.6k, 2k, 2.5k, 3.1k, 4k, 5k, 6.3k, 8k, 10k, 12.5k, 16k, 20k, 25k	110/120 220/240V 50/60Hz 34W	430×153×330	6.6	
SH-8066K	0.003%	101dB (1V)	10Hz-50kHz (-1dB)	150mV/22kΩ	70dB	±12dB	25, 40, 63, 100, 160, 250, 500, 1k, 2k, 4k, 8k, 16k	240V 50/60Hz 34W	430×119×272	3.8	
SH-8058K/S	0.003%	100dB (1V) 107dB (IHFA)	5Hz-100kHz (-3dB)	1V/47kΩ	60dB	±12dB	63, 160, 400, 1k, 2.5k, 6.3k, 16k	240V 50/60Hz 11W	430×103×229	2.8	
SH-8038K	0.005%	100dB (1V) 110dB (IHFA)	5Hz-100kHz (-3dB)	1V/33kΩ	60dB	±12dB	63, 160, 400, 1k, 2.5k, 6.3k, 16k	240V 50/60Hz 7W	430×75×193	1.85	
HEADPHONES											
	EAH-X250	EAH-X200	EAH-X120	EAH-X80	EAH-X15	EAH-X10	EAH-X8	EAH-X70	EAH-Z50K		
Frequency Response	2-30,000Hz	5-28,000Hz	8-33,000Hz	8-30,000Hz	2-25,000Hz	10-25,000Hz	15-25,000Hz	8-25,000Hz	10-25,000Hz		
Impedance (1kHz)	55 ohms	63 ohms	45 ohms	45 ohms	45 ohms	45 ohms	45 ohms	28 ohms	28 ohms		
Max. Input Power	1000mW	600mW	1000mW	500mW	500mW	500mW	300mW	50mW	50mW		
Sensitivity	106dB/mW	104dB/mW	107dB/mW	105dB/mW	106dB/mW	104dB/mW	102dB/mW	106dB/mW	104dB/mW		
Speaker unit	Woofer: 42mm dia. Tweeter: 32mm dia.	42mm	40mm dia.	40mm dia.	40mm dia.	40mm dia.	32mm dia.	Woofer: 19mm dia. Tweeter: 11mm dia.	Woofer: 19mm dia. Tweeter: 11mm dia.		
Weight (without cord)	300g	260g	130g	110g	125g	110g	85g	11g	10g		
Cord length	3.0m	3.0m	3.0m	3.0m	2.5m	2.5m	2.5m	1.2m	1.2m		
Plug	6.3mm dia. stereo plug		6.3mm dia. stereo plug		3.5mm dia. stereo plug						
CABINETS					SYSTEMS						
Dimensions (w×h×d) mm				Dimensions and Weights							
Model	Internal	External	Notes		X90	X70	X50	X3	X1	X900	
HS-1		1100×517×450	upper shelf 20cm lower shelf 23cm width between supports 87cm	Amplifier Dims (mm) Weight (kg)	360×128×300 7.9	360×128×300 6.8	360×128×300 6.8	360×106×304 5.3	360×106×304 5.3	360×292×308 7.0	
HS-666	436×1000×401	468×1078×444	Turntable space 105mm Drilling from 198mm below turntable shell	Tuner Dims (mm) Weight (kg)	360×65×288 2.1			360×65×288 2.0			
HS-690	436×901×393	480×1000×453	Turntable space 120mm	Cassette Deck Dims (mm) Weight (kg)	360×128×285 5.0		360×128×285 5.0	360×129×270 3.5	360×129×270 3.5		
HS-625	436×850×391	468×922×440	Turntable space 105mm	Turntable Dims (mm) Weight (kg)	360×95×318 4.5		360×83×320 2.5				
CD-01		151×160×141		Graphic Equaliser Dims (mm) (Option) Weight (kg)	360×91×280 2.8					—	
HS-X880	370×737×364	402×820×412	Lowest drilling 15cm from base	Speakers Dims (mm) (each) Weight (kg)	282×499×241 7.8		266×460×241 6.7		251×427×241 6.1	230×390×196 4.3	226×355×183 3.2
HS-X820	370×743×366	402×820×412	Lowest drilling 15cm from base								
HS-X815	385×350×367	417×444×412									

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