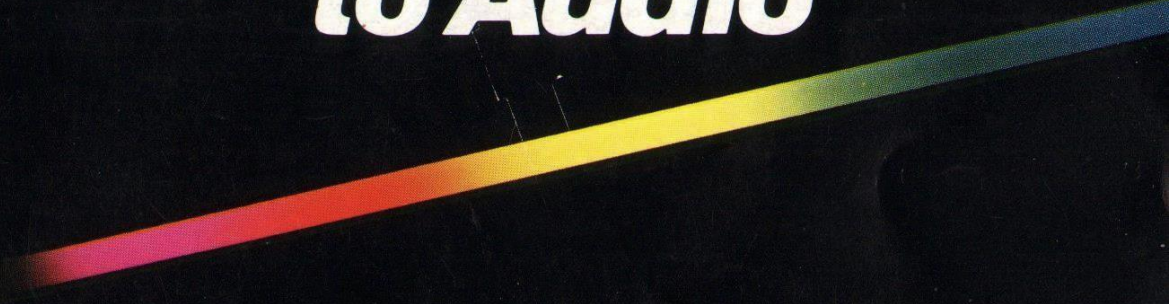


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The Overall Approach to Audio



TOSHIBA



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Toshiba—Technology plus a Total Commitment to Audio Perfection

In all-round expertise, Toshiba is one of the leaders. While most other audio manufacturers buy the transistors and ICs they use from other manufacturers, Toshiba makes its own. Every advance in semiconductor technology, as soon as it is proved that it will result in consumer electronic products with an improved performance, is used by Toshiba. All stages from the design and development of ICs which do jobs that not long ago needed many individual semiconductor elements, to production and testing are done with a dedication to the best in audio which is the hall-mark of all Toshiba products.

Directly related to Toshiba's state-of-the-art LSI (Large Scale Integration) technology are three powerful new facilities, each of which would not be possible without extremely sophisticated Integrated Circuits. The new synthesizing system provides

better, more accurate tuning to broadcasts which, by its nature, is free from the drift which used to be the bugbear of FM tuners. ADRES (Automatic Dynamic Range Expansion System) extends the dynamic range of tape decks, so that the dynamic range of cassette tape can be extended to almost equal that of open reel tape: this overcomes one of the major obstacles to cassette tape becoming a truly hi-fi medium. Then there's the Quartz Lock system in our top quality turntables; the speed of the platter is locked to the oscillations of a precise quartz crystal by a PLL (Phase Locked Loop) IC so that it is always 100% accurate.

Just three ways Toshiba's advanced technology is contributing to better audio.

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Modular Stereo Combinations

These stereo combinations offer component quality in modular packages. Specially designed for people who don't want the clutter of a component system, Toshiba built them to the same uncompromising standards as its other audio equipment.

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SM-7000D

- 3-in-1 music center
- FM/FM-ST/MW/SW₁/SW₂
- 35W output
- Vertical front loading cassette compartment
- Mechanical pause/ASO
- Auto-changer
- Ceramic cartridge with sapphire stylus
- 3-way speaker system (SS-7000W optional)
- AC 115/230V, 50 or 60Hz
- Dimensions (WxHxD): 500x260x380mm
- Weight: 12.5kg



SK-7000

- 2-in-1 music center
- FM/FM-ST/MW/SW₁/SW₂
- 35W output
- LED indicator for stereo/recording
- Vertical front loading cassette compartment
- Mechanical pause/ASO
- Stereo recording/playback
- AC recording bias
- 3-way speaker system (SS-7000W optional)
- AC 115/230V, 50/60Hz
- Dimensions (WxHxD): 500x150x380mm
- Weight: 6.0kg



SM-4750

- Synthesizer tuner for all bands
- 3-in-1 music center
- FM/FM-ST/MW/SW/LW
- 80W output
- LED clock/timer
- FM/MW auto-tuning
- 32-station memory
- Micro-processor control
- Direct drive full-auto turntable
- Soft eject/Full ASO cassette deck
- AC 220-240V, 50/60Hz
- Speakers (optional)
- Dimensions(WxHxD): 692x210x430mm
- Weight: 20.5kg



SM-3750

- 3-in-1 music center
- FM/FM-ST/MW/SW/LW
- 75W output
- Fully automatic turntable
- LED clock/timer
- Auto memory repeat
- Dolby NR
- 3-stage bias/equalization selection
- FM preset tuning
- Timer recording
- AC 220-240V, 50 or 60Hz
- Speakers (optional)
- Dimensions(WxHxD): 692x210x430mm
- Weight: 20kg

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SM-3650

- 3-in-1 music center
- FM/FM-ST/MW/SW/LW
- 65W output
- Semi-automatic turntable
- LED digital timer display
- Dolby NR
- Anti-skating mechanism
- AC 220-240V, 50 or 60Hz
- Speakers (optional)
- Dimensions(WxHxD): 810x185x435mm
- Weight: 17kg
- Microphones (optional)



SM-3100C

- 3-in-1 music center
- FM/FM-ST/MW/SW
- 48W output
- Touch selection
- LED tuning indicator
- Memory tape rewind
- Auto return/cut
- 2-way speakers
- AC 117/200/230V, 50 or 60Hz
- Dimensions(WxHxD): 690x200x360mm
- Weight: 14kg
- Microphones (optional)



SM-2950C

- 3-in-1 music center
- FM/FM-ST/MW/SW₁/SW₂
- 40W output
- Auto-return/cut
- Dolby NR
- ALC cassette recording
- Multi-function selector
- Shock-proof mounting
- Loudness compensation
- AC 115/230V, 50 or 60Hz
- Speakers (optional)
- Dimensions(WxHxD): 620x180x390mm
- Weight: 11kg



SM-2850C

- 3-in-1 music center
- FM/FM-ST/MW/SW
- 35W output
- LED FM-ST indicator
- ALC cassette recording
- Auto-cut/return
- Servo-controlled motor drive
- CrO₂/normal tape selector
- 2-way speakers
- AC 115/230V, 50 or 60Hz
- Dimensions(WxHxD): 620x190x380mm
- Weight: 8.5kg (Unit only)



SM-3350

- 3-in-1 music center
- FM/FM-ST/MW/SW/LW
- 54W output
- Semi-automatic turntable
- High fidelity permalloy heads
- Dolby NR
- 3-stage bias/EQ switches
- Six-station FM preset
- AC 117/200/230V, 50 or 60Hz
- Speakers (optional)
- Dimensions(WxHxD): 620x190x390mm
- Weight: 12kg
- Microphones (optional)



SK-2600C

- 2-in-1 music center
- FM/FM-ST/MW/SW
- 32W output
- Mechanical pause/ASO
- Automatic CrO₂/normal tape selection
- 2-way speakers
- AC 115/230V, 50 or 60Hz
- Dimensions(WxHxD): 550x110x370mm
- Weight: 8.8kg (including speakers)

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Stereo Cassette Decks

A line-up of cassette decks that's unrivalled in excellence. Designwise and engineeringwise, Toshiba stereo cassette decks are in a league of their own. ADRES (Automatic Dynamic Range Expansion System) – Toshiba audio breakthrough ups the performance of any cassette tape system with a dynamic range of up to 85dB and a 30dB improvement in signal-to-noise ratio. Its operating principles are similar to those on which "compander" noise reduction system work but it has been improved so that "breathing" – the noise occurring when the starts and stops operation – has been eliminated.



PC-D15

- Deluxe deck for micro component
- 2-motor system (DC servo-motor for capstan, DC motor for reels)
- IC logic control
- All-sensust record/playback head
- Double gap ferrite erase head
- Wow and flutter only 0.04% (wrms)
- Dolby noise reduction system
- High signal-to-noise ratio: 65dB
- AC 120V or 220-240V, 50/60Hz
- Dimensions(WxHxD): 257x106x204mm
- Weight: 5.1kg



AD-15

- ADRES Unit for PC-D15
- Full indicators
- LED indicators
- Modern black-face design
- Brushed aluminum finish also available
- AC 220-240V, 50/60Hz
- Dimensions(WxHxD): 257x54x206mm
- Weight: 2.1kg



PC-D10

- Compact deck for standard micro component
- Digital meters for fast and accurate response
- Dolby noise reduction system
- Cue/Review facility
- Wow and flutter a low 0.055% (wrms)
- Signal-to-noise ratio: 58dB
- AC 115/230V, 50/60Hz
- Dimensions(WxHxD): 257x106x210mm
- Weight: 4.0kg

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PC-X20

- Specially designed so that metal tape can be used
- Digital meters for fast, accurate response
- Dolby noise reduction system
- Auto-repeat—playback after recording
- Cue/Review facility
- Wow and flutter a low 0.05% (wrms)
- Good signal-to-noise ratio: 58dB
- AC 115/230V, 50/60Hz
- Dimensions(WxHxD): 420x144x282mm
- Weight: 5.1kg



PC-X10

- Dolby noise reduction system
- Cue/Review facility
- Wow and flutter down to 0.06% (wrms)
- Good signal-to-noise ratio: 57dB
- AC 115/230V, 50/60Hz
- Dimensions(WxHxD): 420x144x205mm
- Weight: 3.0kg



PC-X6AD

- Soft-touch operation with 3 indicators
- Incorporates ADRES
- Outstanding signal-to-noise ratio: 75dB
- Superb dynamic range: 85dB
- Twin VU meters
- Logic control operation
- Ultra-smooth oil-damped cassette compartment
- Master editor control
- Two-motor (DC servo-motor for capstans)
- Low-distortion laminated AS(ALL Sendust) Head
- AC 220-240V, 50/60Hz
- Dimensions(WxHxD): 420x151x281mm
- Weight: 6.2kg



PC-5460

- Super-deluxe with all-new Editor/Fader and easy-out cassette compartment/door
- Soft-touch power-aided memory controls with 3 indicators
- 69dB plus signal-to-noise ratio (with chrome tape, Dolby ON)
- Wow and flutter a really low 0.06%
- VU/peak-hold meter selector
- Microphone mixing control
- Separate 3-way bias and equalization switches
- Dolby noise reduction with multiplex filter
- External timer recording facility
- AC 120V or 220-240V, 50/60Hz
- Dimensions(WxHxD): 420x151x281mm
- Weight: 6.3kg



AD-5

- ADRES Unit for PC-5460
- Twin VU meters—10 msec attack time shows transient peaks
- Full calibration facilities
- Modern black-face design
- Multiplex filter for recording FM broadcasts
- AC 220-240V, 50/60Hz
- Dimensions(WxHxD): 420x88x200mm
- Weight: 3.7kg



PC-4460

- Soft-touch power-aided memory controls with 3 indicators
- Oil-damped easy-open cassette compartment
- Twin VU meters
- +6dB LED peak level indicator
- Separate left/right recording level controls
- Output level control
- Separate 3-way bias/equalization switches
- Dolby noise reduction with multiplex filter position
- External timer recording facility
- AC 115/230V, 50/60Hz
- Dimensions(WxHxD): 420x151x281mm
- Weight: 6.2kg

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PC-3460

- Oil-damped, easy-open cassette compartment
- Twin VU level meters
- +6dB LED peak level indicator
- Separate 3-way bias and equalization switches
- Dolby noise reduction with multiplex filter
- Output level control
- Separate left/right recording level controls
- Full auto-stop mechanism
- Cue/Review facilities
- AC 115/230V, 50/60Hz
- Dimensions(WxHxD): 420x146x281mm
- Weight: 5.4kg



AD-3

- ADRES Unit for PC-X20, PC-4460 and PC-3460
- Good cost/performance model
- Modern black-face design
- LED calibration indicators
- Improves S/N by 30dB at 10,000Hz
- Simple connection and operation
- AC 220-240V, 50/60Hz
- Dimensions(WxHxD): 420x57x205mm
- Weight: 2.3kg



PC-2460

- Oil-damped, easy-open cassette compartment
- Wide-range VU level meters (-40dB to +6dB)
- Separate 2-way bias and equalization switches
- Dolby noise reduction system
- Separate left/right recording level controls
- Auto-stop mechanism
- Stereo headphone jack
- AC 115/230V, 50/60Hz
- Dimensions(WxHxD): 420x166x280mm
- Weight: 4.5kg

STEREO CASSETTE TAPE DECK Specifications:

Model	Wow & flutter (wrms)	Frequency response (Chrome: ±3dB)	S/N ratio	Total harmonic distortion	Dolby* Noise reduction system	Input level & impedance	Output level & impedance
PC-D15	0.04%	20-18kHz	65dB	0.7%	•	Mic: 0.25mV(600Ω-10kΩ) Line: 70mV(50kΩ)	Headphone: 0.2mW (8Ω) Line: 0.4V(50kΩ)
PC-D10	0.05%	20-17kHz	58dB	1.0%	•	Mic: 0.25mV(600Ω-10kΩ) Line: 70mV(50kΩ)	Headphone: 0.2mW (8Ω) Line: 0.4V(50kΩ)
PC-X20	0.05%	20-17kHz	58dB	1.0%	•	Mic: 0.25mV(600Ω-10kΩ) Line: 70mV(50kΩ)	Headphone: 0.2mW (8Ω) Line: 0.4V(50kΩ)
PC-X10	0.06%	30-14.5kHz	57dB	1.2%	•	Mic: 0.25mV(600Ω-10kΩ) Line: 70mV(50kΩ)	Headphone: 0.2mW (8Ω) Line: 0.4V(50kΩ)
PC-X6AD	0.06%	20-18kHz	80dB	0.4%	(ADRES)	Mic: 0.25mV(600Ω-10kΩ) Line: 70mV(50kΩ)	Headphone: 0.6mW (8Ω) Line: 1.0V(50kΩ)
PC-5460	0.06%	20-17kHz	69dB	0.7%	•	Mic: 0.25mV(600Ω) Line: 70mV(50kΩ)	Headphone: 0.75mW (8Ω) Line: 0.5V(50kΩ)
PC-4460	0.06%	30-16kHz	69dB	1.0%	•	Mic: 0.25mV(600Ω) Line: 70mV(50kΩ)	Headphone: 0.75mW (8Ω) Line: 0.5V(50kΩ)
PC-3460	0.06%	30-16kHz	67dB	1.0%	•	Mic: 0.25mV(600Ω) Line: 70mV(50kΩ)	Headphone: 0.75mW (8Ω) Line: 0.4V(50kΩ)
PC-2460	0.1%	30-14kHz	65dB	1.5%	•	Mic: 0.25mV(600Ω) Line: 70mV(50kΩ)	Headphone: 0.2mW (8Ω) Line: 0.5V(50kΩ)

ADRES Units Specifications:

Model	Number of channels	Calibration signal	Frequency response	Distortion (encode and decode)	Equivalent input noise	ADRES effect	Noise reduction
AD-3	2	1kHz 150mV	20Hz-20kHz	0.15%	Less than -100dBm	Max. recording level (1kHz)	More than 30dB (at 10kHz)
AD-5	(Rec./PB. switchable)	(ADRES standard level)	±1dB (encode and decode)	(ADRES standard level)		7dB improvement	More than 20dB (at 1kHz)
AD-15							More than 17dB (at 100Hz)

* Dolby is a registered trademark of Dolby Laboratories, Inc.

Component Systems

*Four stereo systems, selected by Toshiba, to give audio entertainment at its best.
All components have performance characteristics that are compatible, so when they're
combined, they work together perfectly.*

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MICRO COMPONENT SYSTEM

AUREX-15 (Deluxe Type)

SC-M15 Stereo Power Amplifier

SY-C15 Stereo Preamplifier

ST-F15 FM Digital Synthesizer Tuner

PC-D15 Stereo Cassette Deck

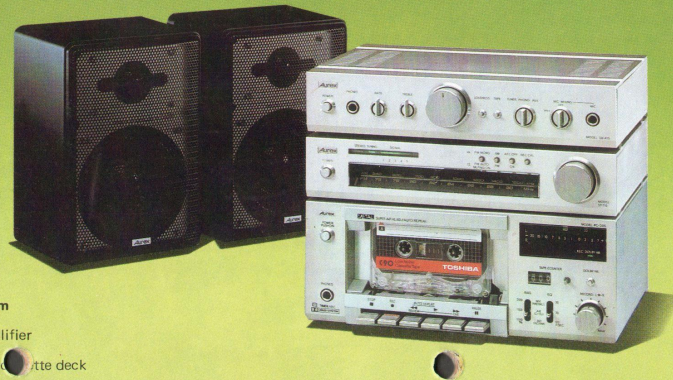
SS-S15W or SS-12W Micro Speaker System

- 200 watts of stereo music power
- Separate preamplifier and power amplifier
- Super-accuracy digital FM synthesizer tuner
- Front-loading cassette deck specially designed for micro component system
- 2-way bookshelf size speakers

**MICRO COMPONENT SYSTEM
AUREX-10**

SB-A10 Integrated Stereo Amplifier
ST-A10 FM/MW/SW Stereo Tuner
PC-D10 Stereo Cassette Deck
SS-S12W or SS-1W Micro Speaker System

- 70 watts of stereo music power
- Integrated preamplifier and power amplifier
- Stereo tuner with PLL demodulation
- Specially designed front-loading stereo cassette deck
- 2-way bookshelf-size speakers



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**STEREO COMPONENT SYSTEM
AUREX-530**

SY-530 Stereo Preamplifier
SC-530 Stereo Main Amplifier
ST-530 4-band Synthesizer Stereo Tuner
PC-530 Cassette Deck
SR-F530 Stereo DD Turntable
SS-335W 3-way Deluxe Speaker Systems
AR-335V/H Deluxe System Rack

- 200 watts of stereo music power
- Separate preamplifier and main amplifier
- Front-control direct drive fully automatic turntable
- Front-loading cassette deck with touch controls
- 4-band synthesizer tuner with 8 preset channels and up/down scanning
- Slim-line styling



**STEREO COMPONENT SYSTEM
AUREX-230**

- SB-230 Integrated Stereo Amplifier
- ST-230 AM/FM Stereo Tuner
- PC-X10/PC-2460 Cassette Deck
- SR-A230 Stereo Turntable
- SS-235W 3-way Speaker Systems
- AR-230VW System Rack
(or AR-330V deluxe model)
- 120 watts of stereo music power
- Integrated preamplifier and power amplifier
- 3-way (10" woofer, 2.8" tweeter, 2" super-tweeter) speakers
- Auto-cut/return belt-drive turntable
- Quality stereo cassette deck
- High-sensitivity tuner
- Wood-grain rack



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**STEREO COMPONENT SYSTEM
AUREX-225**

- SB-225 Integrated Stereo Amplifier
- ST-225 FM/MW/LW Stereo Tuner
- PC-2460 Cassette Deck
- SR-F225 Stereo Turntable
- SS-235W 3-way Speaker Systems
- AR-230VW System Rack
(or AR-330V deluxe model)
- 120 watts of stereo music power
- Integrated preamplifier and power amplifier
- 3-way (10" woofer, 2.8" tweeter, 2" super-tweeter) speakers
- Auto-play/memory-repeat turntable
- Quality stereo cassette deck
- High-sensitivity tuner
- Solid wood-grain rack



Hi-Fi Components

Toshiba's line-up of Hi-Fi components ranges from top-quality units that are at home when used in the finest stereo system, to new micro components and budget models for the starter in stereo. The comprehensive range of source components, turntables, cassette decks and tuners, includes models incorporating state-of-the-art facilities to improve performance like the Quartz Crystal PLL circuitry which makes the speed of turntables superbly accurate and Toshiba's digital synthesizer tuner design, with the latest LSI IC technology making reception 100% precise. This range of source components is complemented by a full range of amplifiers, receivers and speakers. A total line-up of the best in high fidelity components.

Stereo Receivers



SA-7150

- 600 watts of stereo music power
- A digital synthesizer tuner for perfect reception
- Quartz crystal oscillator locks to tuned frequency
- 150 watts (rms) per channel with both channels driven
- Built-in Dolby* FM reception circuit
- Super-sensitive useable sensitivity 1.7 μ V
- Total harmonic distortion only 0.05%
- PLL (Phase Locked Loop) FM demodulator
- Digital display of tuned frequency
- Tone controls, etc. hidden by swing-down panel
- Superb signal-to-noise figures: phono 90dB, tape/aux 95dB
- AC 120V, 50/60Hz
- Dimensions(WxHxD): 550x190x500mm
- Weight: 26.0kg



SA-7100

- 400 watts of stereo music power
- A super-power FM/AM receiver
- 100 watts (rms) per channel with both channels driven
- Built-in Dolby FM reception circuit
- Super-sensitive: useable sensitivity 1.7 μ V
- Total harmonic distortion 0.05% (20 to 20,000Hz)
- PLL FM demodulation gives 45dB FM stereo separation
- Selectable tone control turnover frequency
- Left/right channel direct reading power meters
- Signal strength/center frequency tuning meters
- Two-step (-10dB, -20dB) audio muting
- AC 110/230V, 50/60Hz
- Dimensions(WxHxD): 550x190x460mm
- Weight: 19.5kg



SA-750

- 200 watts of stereo music power with FM/AM
- 50 watts (rms) per channel with both channels driven
- High FM sensitivity: 1.8 μ V
- Total harmonic distortion 0.08% (20 to 20,000Hz)
- Two-way speaker selection
- Hi-cut/low-cut filters
- Full tape monitoring/duplicating facilities
- Signal strength/center frequency tuning meters
- 25 μ second de-emphasis for Dolby FM reception
- 41-position attenuator volume control
- AC 115/230V, 50/60Hz
- Dimensions(WxHxD): 480x145x400mm
- Weight: 13.0kg

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SA-735

- 140 watts of stereo music power with FM/AM
- 35 watts (rms) per channel with both channels driven
- Good FM sensitivity: $1.9\mu\text{V}$
- Total harmonic distortion: 0.08% (20 to 20,000Hz)
- Full tape monitoring/duplicating facilities
- Two-way speaker selection
- Signal strength/center tuning meters
- Separate FM muting and mode switches
- 41-detente position volume control
- AC 115/230V, 50/60Hz
- Dimensions(WxHxD): 480x145x400mm
- Weight: 11.5kg

STEREO RECEIVER Specifications:

Model	Total music power	Min. RMS continuous power output (8 Ω , both channels driven)		Total harmonic distortion ratio (Rated Power)	Frequency response (Aux)	FM sensitivity (IHF)	FM selectivity	FM S/N (STEREO)
		20Hz-20kHz	1kHz					
SA-7150	600W	150W (0.05%)	160W	0.05%	10-50kHz	9.8dBf (1.7 μV)	80dB	70dB
SA-7100	400W	100W (0.05%)	110W	0.05%	10-50kHz	9.8dBf (1.7 μV)	80dB	68dB
SA-750	200W	50W (0.08%)	55W	0.08%	10-40kHz	10.3dBf (1.8 μV)	80dB	68dB
SA-735	140W	35W (0.08%)	40W	0.08%	10-40kHz	10.8dBf (1.9 μV)	65dB	68dB

Stereo Amplifiers



SB-320

- 190 watts of stereo music power
- 41-detente position volume control
- Full tape monitoring/duplicating facilities
- Stereo/mono mode switch
- A/B/A+B speaker selector
- Low cut filter
- Stereo headphones jack
- Rack mount design
- AC 115/230V, 50/60Hz
- Dimensions(WxHxD): 400x146x322mm
- Weight: 10.0kg



SB-230

- 120 watts of stereo music power
- Direct-reading power meters
- 41-click-stop volume control
- Tape monitoring facility
- Loudness switch
- Microphone mixing + level control
- Stereo headphone jack
- AC 220-240V, 50/60Hz
- Dimensions(WxHxD): 420x146x257mm
- Weight: 4.5kg



SB-225

- 120 watts of stereo music power
- 5-level LED power indicator
- 41-click-stop volume control
- Loudness switch
- Tape monitoring facility
- Microphone mixing
- Stereo headphone jack
- AC 220-240V, 50/60Hz
- Dimensions(WxHxD): 420x96x241mm
- Weight: 4.8kg



SB-A10

- Micro component type
- 70 watts of stereo music power
- Tape monitoring facility
- Mike mixing facility
- Independent bass/treble tone controls
- Stereo headphones jack
- Dimensions(WxHxD): 257x54x208mm
- Weight: 4.0kg

STEREO AMPLIFIER Specifications:

Model	Total music power	Min. RMS continuous power output (8Ω, both channels driven)		Frequency response	S/N (IHF, A)		Total harmonic distortion
		20Hz-20kHz	1kHz		Phono	AUX.	
SB-320	190W	42W	45W	10-50kHz	70dB	90dB	0.2%
SB-230	120W	30W	35W	20-35kHz	75dB	92dB	0.2%
SB-225	120W	30W	35W	20-35kHz	70dB	95dB	0.1%
SB-A10	70W	20W	25W	20-50kHz	75dB	90dB	0.1%

Stereo Tuners



ST-230

- Long FM-linear tuning scale
- 2-band FM/AM stereo tuner
- Extra-large tuning knob
- Signal strength/center tuning meters
- Built-in 440Hz air-check calibration
- Stereo indicator lamp
- FM mono mode switch
- AC 220-240V, 50/60Hz
- Dimensions(WxHxD): 420x146x257mm
- Weight: 3.9kg



ST-225

- Long, FM-linear tuning scale
- 3-band FM/MW/LW stereo tuner
- FM muting switch
- 2-way signal-strength/center tuning meter
- LED stereo indicator
- Over-size tuning knob
- AC 220-240V, 50/60Hz
- Dimensions(WxHxD): 420x96x257mm
- Weight: 3.4kg



ST-F15

- Deluxe micro component type
- Digital FM synthesizer tuning system
- 10 preset channels for instant tuning
- Manual override
- State-of-the-art LSI microminiaturization
- Green LED frequency display
- Up/Down tuning buttons
- Air-check and mode button switches
- Dimensions(WxHxD): 257x54x196mm
- Weight: 2.2kg

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ST-T10

- Micro component type
- Easy-to-see FM-linear tuning scale
- FM Mono/FM auto + muting modes
- Air-check calibration button
- Stereo indicator LED
- LED tuning indicator
- Signal strength indicator 5 LEDs
- AFC (Automatic Frequency Control)
- AC 115/230V, 50/60Hz or 220-240V, 50/60Hz
- Dimensions(WxHxD): 257x54x223mm
- Weight: 2.5kg

STEREO TUNER Specifications:

Model	Waveband	Sensitivity (IHF)	Selectivity	Stereo S/N ratio	Stereo distortion	Stereo separation
ST-230	FM/AM	1.9 μ V	65dB	65dB	0.2%	45dB
ST-225	FM/MW/LW	1.9 μ V	65dB	65dB	0.2%	45dB
ST-F15	FM	1.9 μ V	75dB	72dB	0.25%	45dB
ST-T10	FM/MW/SW or FM/AM	1.9 μ V	65dB	68dB	0.25%	45dB

Stereo Turntables



SR-Q630

- Quartz PLL lock
- Slotless, carefree DC servo motor
- DD (Direct Drive) for reliability
- Fully automatic play/cut/return
- Die-cast aluminum platter with contoured mat for improved damping
- Free-stop dust cover
- Static-balanced S-shaped tone arm with calibrated stylus-pressure/anti-skating controls
- Neon indicators
- AC 220V-240V, 50Hz
- Dimensions(WxHxD): 422x149x359mm
- Weight: 7.5kg



SR-F530

- Direct drive with advanced IC servo-controlled coreless motor
- Fully automatic play/cut/return
- Slim-styling with front lever controls
- Die-cast aluminum platter/flywheel with contoured mat for improved damping
- Static-balanced S-shaped tone arm with calibrated stylus pressure/anti-skating controls
- Removable aluminum headshell with moving magnet cartridge
- AC 220-240V, 50/60Hz
- Dimensions(WxHxD): 422x139x359mm
- Weight: 6.5kg



SR-F450

- FG servomotor drive with built-in PLL IC
- Fully automatic play/cut/return operation
- Unique front lever controls
- Separate speed and disc-size selectors
- Repeat function for continuous listening
- Die-cast aluminum platter/flywheel with polished belt-drive surface
- S-shaped tone arm with ball-bearing pivot and full calibration
- Removable aluminum headshell/magnetic cartridge with diamond tipped stylus
- AC 220V, 50/60Hz
- Dimensions(WxHxD): 422x139x359mm
- Weight: 5.5kg

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SR-F335

- Direct-drive (DD) DC servomotor
- Heavy die-cast aluminum platter with thick damping mat
- ±2% pitch control
- Stroboscopic speed indicator
- S-type statically balanced tone arm
- Calibrated tracking and anti-skating adjustment
- Disc size selector
- Oil-damped cueing
- Auto-repeat memory counter
- AC 120V or 220/240V, 50/60Hz
- Dimensions(WxHxD): 454x160x360mm
- Weight: 6.5kg



SR-F325

- PLL (Phase Locked Loop) DC servomotor
- Built-in stroboscope with ±2% speed adjustment
- Advanced belt-drive system
- Fully automatic play/cut/return
- Super-styling with front lever controls
- Oil-damped tone arm cueing/elevation
- Die-cast aluminum platter with contoured mat for improved damping
- Static-balanced S-shaped tone arm with calibrated stylus-pressure/anti-skating controls
- AC 220-240V, 50 or 60Hz
- Dimensions(WxHxD): 422x139x359mm
- Weight: 5.5kg



SR-A230

- Synchronous 4-pole motor
- Smooth belt-drive system
- S-type statically balanced tone arm
- Calibrated tracking and anti-skating adjustment
- Heavy platter and damping mat
- Auto-cut/auto-return
- Large, acoustic insulator feet
- AC 115/230V, 50 or 60Hz
- Dimensions(WxHxD): 448x145x357mm
- Weight: 6.0kg



SR-F225

- Synchronous 4-pole motor
- Smooth belt-drive system
- Auto-repeat memory counter mechanism
- Balanced tone arm
- Calibrated tracking and anti-skating adjustment
- Disc size selector
- Oil-damped cueing
- Large, heavy platter with thick rubber damping mat
- Large acoustic insulator feet
- AC 220-240V, 50 or 60Hz
- Dimensions(WxHxD): 422x139x359mm
- Weight: 5.2kg

STEREO TURNTABLE Specifications:

Model	Type	Motor	Drive system	Speed adjustment	Wow and flutter	S/N ratio
SR-Q630	Full Auto	Quartz PLL DC Servo	DD	±2%	0.025%	73dB
SR-F530	Full Auto	DC Servo	DD	±2%	0.045%	70dB
SR-F450	Full Auto	DC Servo	Belt	±2%	0.05%	65dB
SR-F335	Full Auto	DC Servo	DD	±3%	0.035%	60dB
SR-F325	Full Auto	PLL DC Servo	Belt	±2%	0.08%	65dB
SR-A230	Semi Auto	Synch.	Belt	—	0.06%	50dB
SR-F225	Full Auto	Synch.	Belt	—	0.06%	50dB



SS-7000W

- 35 watt power handling capacity
- 3-way: 7.9-inch woofer, 2-inch tweeter, 2-inch super tweeter



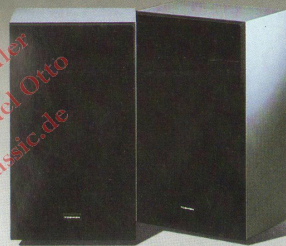
SS-335W

- 70 watt power handling capacity
- 3-way: 15-inch woofer, 4.7-inch squawker, 2.8-inch tweeter



SS-235W

- 60 watt power handling capacity
- 3-way: 10-inch woofer, 2.8-inch tweeter, 2-inch super-tweeter



SS-200B

- 30 watt power handling capacity
- 2-way: 8-inch woofer, 2.8-inch tweeter



SS-S15W

- 80 watt power handling capacity
- 2-way: 6.3-inch woofer, 1-inch tweeter



SS-S12W

- 80 watt power handling capacity
- 2-way: 5-inch woofer, 1-inch tweeter

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CS-1000/1100

- FM/FM-MPX/MW (CS-1000), MW/SW (CS-1100)
- Full automatic/manual reverse playback
- Easy in-dash mounting/adjustable shafts
- High sensitivity, high power
- 6W output
- DC 13.2V (11-15V) negative ground



CS-900F/S

- FM/FM-MPX/MW (900F), MW/SW (900S)
- Auto-play on insertion
- Under-dash mounting bracket provided
- Combined tape door/radio dial
- 6W output
- DC 13.2V (11-15V) negative ground



CS-800F/S

- FM/FM-MPX/MW (800F), MW/SW (800S)
- Auto-play on insertion
- Under-dash mounting bracket provided
- Combined tape door/radio dial
- 6W output
- DC 13.2V (11-15V) negative ground



TCS-100/200

- Flush mounting (100), Stand-up mounting (200)
- Compact and easy to install
- Balanced sound output
- 6W input power

Accessories

Cassette tapes, microphones and connecting cords— all you need to complete your stereo system

Cassette Tapes



CR-90 Chrome



CR-60 Chrome



C-120E



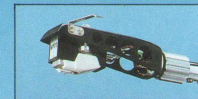
C-90S



C-60S



Cartridges



C-55M

Dual magnet

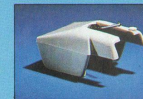
C-58M

Moving magnet (MM)

C-60M

Moving magnet (MM)

Styli



N-55D

Diamond

N-15D

Diamond

N-52D

Diamond

N-14D

Diamond



N-6C

Ultra-C

Stereo Headphones



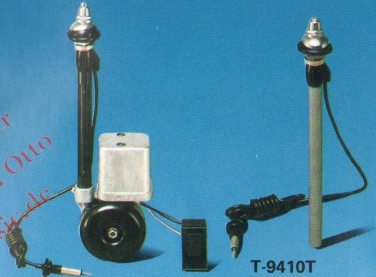
- HR-X1** Complementary back-electret condenser headphones
- HR-F1** Complementary back-electret condenser headphone
- HR-811** Complementary back-electret condenser headphones
- HR-D3** Dynamic headphones
- HR-D2** Dynamic headphones

Microphones



- EM-520** Back-electret condenser microphone
- EM-420** Back-electret condenser microphone
- EM-410** One-point stereo back-electret condenser microphone
- EM-220** Back-electret condenser microphone
- EM-120** Back-electret condenser microphone
- DM-1500TR**
- OB-1489A**

Car Antennas



- T-A510** Fully automatic, 5 sections, 100cm (39.4")
- T-9410T** 4 sections, 100cm (39.4") top-key

Connecting Cords



- TSC-10** DIN-DIN
- TSC-40A** DIN-mini plug (3.5φ)
- TIC-20Y** Alligator clips-mini plug (3.5φ)
- TIC-30Y** PIN-PIN mini plug (3.5φ)

Waveband/Frequency Chart

FM	88–108MHz
AM	525–1605kHz
SW	3.8–12MHz
SW ₁	2.3–7.5MHz
SW ₂	7.5–22MHz
SW ₁	1.6–4.5MHz
SW ₂	4.5–12MHz
SW ₃	12–28MHz

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