

## HEADPHONES

YHD-1 YHD-2 YHD-3



### YHD-1•2•3

- Orthodynamic design
- Adjustable 2-piece headband for maximum listening comfort
- Exclusive design by Mario Bellini
- Mini-plug with phone plug adaptor included for full compatibility
- Output sound pressure level: 100 dB/W/m (YHD-1); 97 dB/W/m (YHD-2•3)
- 145 g (YHD-1); 133 g (YHD-2); 120 g (YHD-3)

YHL-003 YHL-006



### YHL-003•006

- Fashionable design by Porsche
- Form-fitting headband and earpiece for optimum pressure, maximum comfort
- Dynamic-type transducers ensure a clean, full sound
- Mini-plug with phone plug adaptor included for full compatibility
- Output sound pressure level: 103 dB/W/m (YHL-003); 99 dB/W/m (YHL-006)
- 87 g (YHL-003); 79 g (YHL-006)

## MC CARTRIDGES



### MC-100

- Cross-matrix air-core moving coil system
- Pure beryllium tapered tubular cantilever
- Distinctive metal housing for high magnetic flux density
- Original equalizing damper
- High-energy samarium cobalt magnet
- 9.5 g



### MC-10

- Cross-matrix moving coil system
- Aluminum tapered tubular cantilever
- Original equalizing damper
- Metal housing assembly
- One-point suspension
- 5.4 g



### MC-11

- Cross-matrix moving coil system
- Aluminum tapered tubular cantilever
- Equalizing damper
- 7-strand twisted wire one-point suspension
- 5.3 g



### MC-21

- MM/MC phono input compatibility
- Cross-matrix moving coil system
- Aluminum tapered tubular cantilever
- Original equalizing damper
- Resonance-free one-piece housing
- 2.8 g

## ACCESSORIES

SLC-10 ..... Audio System Rack  
 LC-05 ..... Audio System Rack  
 LC-09 ..... Audio System Rack

SPS-60 ..... Speaker Stands

# YAMAHA NATURAL SOUND AUDIO COMPONENTS



 **YAMAHA**

## DECKS

### K-720

- Auto reverse recording and playback • Pure Sendust R/P heads • 2 + 1 motor transport with independent capstan drive, independent head-rotation motor • dbx, Dolby B/C NR • Dolby HX Pro • Wide-range multi-function fluorescent level meters with optimum record level indication • Rec return
- Auto rec mute • Auto tape selector • Remaining time display with auto fade out/fade-in
- 15-section programmable recording/random access playback • 2-way repeat • Memory stop • Intro scan • Music search • Blank skip • Auto source change • Timer rec/play
- Output level control • RS-15 remote control (optional) • Wow & flutter (WRMS): 0.04%
- Frequency response (Metal): 30-20,000 Hz,  $\pm 3$  dB • S/N (dbx): 90 dB • 435 x 113.5 x 302.5 mm (W x H x D) • 5.7 kg



### K-640

- Precise auto-reverse mechanism
- 2 + 1 motor transport mechanism
- Microcomputer logic control
- Dolby B/C NR • Dolby HX Pro dynamic bias servo • Amorphous R/P head • 12-segment multi-function fluorescent level meters • Car EQ function
- Real-time linear counter • Remaining time display with auto fade-in/ fade-out • Rec return • Auto tape selector • Intro scan • Music search • Zero to memory repeat play
- Blank skip • Memory stop • Wow & flutter:  $\pm 0.08\%$  • Frequency response (metal): 20-20,000 Hz  $\pm 3$  dB • S/N (Dolby C): 75 dB • 435 x 113.5 x 302.5 mm (W x H x D) • 5.2 kg



### K-420

- Auto reverse recording and playback
- 2 motor transport • Hard Permalloy R/P head • Dolby B/C NR • LED peak level meter • 2-way repeat (tape side or single selection) • Auto rec mute
- Auto source change • Music search • Timer rec/play • Wow & flutter (WRMS): 0.08%
- Frequency response (Metal): 40-16,000 Hz,  $\pm 3$  dB • S/N (Dolby C): 74 dB • 435 x 112 x 225 mm (W x H x D) • 4 kg



### K-222

- Double cassette deck • Full logic operation • High/normal-speed one touch dubbing • Dolby B/C NR
- LED peak level meter • Relay play
- Music search • Rec return • Auto rec mute • Auto tape selector • Timer rec/play
- Wow & flutter (WRMS): 0.08% • Frequency response (Metal): 30-16,000 Hz,  $\pm 3$  dB
- S/N (Dolby C): 74 dB • 435 x 112 x 273 mm (W x H x D) • 4.8 kg



### K-142

- Double cassette deck • Relay play
- Permalloy R/P Heads • Dolby B NR
- LED peak level meter • Cue/review
- Auto tape selector • Timer rec/play
- Wow & flutter (WRMS): 0.08%
- Frequency response (Metal): 30-16,000 Hz,  $\pm 3$  dB • S/N: (Dolby B) 66dB • 435 x 127 x 225 mm • 4 kg



## TURNTABLES

### PF-1000

- Double float suspension system • Dynamic balance twin-pipe tonearm • Optimum Mass, Minimum Resonance Straight Tonearm design • Dynamically damped tonearm counterweight system • High stability belt drive FG servo motor • Two-piece platter with gun metal inner platter, aluminum outer platter • Low-profile, resonance damping cabinet
- Automatic arm lifter with motor shut-off at record end
- Resonance-resistant heavy acrylic dust cover • Disc clammer with built-in strobe • MC cartridge supplied
- $\pm 6\%$  pitch control • S/N ratio: 80 dB • Wow & flutter: 0.023% • 473 x 154 x 376 mm (W x H x D) • 13.7 kg



### PF-800

- Double float suspension system • Dynamic balance twin-pipe tonearm • Optimum Mass, Minimum Resonance Straight Tonearm design • Dynamically damped tonearm counterweight system • High stability belt drive FG servo motor • Two-piece platter with zinc inner platter, aluminum outer platter
- Low-profile, resonance damping cabinet
- Automatic arm lifter with motor shut-off at record end
- Resonance-resistant heavy acrylic dust cover • Disc clammer with built-in strobe • MC cartridge supplied
- $\pm 6\%$  pitch control • S/N ratio: 80 dB • Wow & flutter: 0.028% • 473 x 154 x 376 mm (W x H x D) • 13 kg



### P-27

- FG-servo direct drive • Fully automatic operation
- 3-Point Floating Suspension system • Optimum Mass, Minimum Resonance Straight Tonearm design
- Knife-edge dynamic balance tonearm • MM cartridge supplied • Resonance absorbing turntable mat • Anti-skating compensation • S/N ratio: 78 dB
- Wow & flutter (WRMS): 0.015% • 435 x 115 x 355 mm (W x H x D) • 4.5 kg



### P-17

- FG-servo belt drive • Fully automatic operation
- 3-Point Floating Suspension system • Optimum Mass, Minimum Resonance Straight Tonearm design
- Knife-edge dynamic balance tonearm • MM cartridge supplied • Resonance absorbing turntable mat • Anti-skating compensation • S/N ratio: 72 dB
- Wow & flutter (WRMS): 0.04% • 435 x 115 x 355 mm (W x H x D) • 4 kg



### P-07

- FG-servo belt drive • Semi-automatic operation
- 3-Point Floating Suspension system • Optimum Mass, Minimum Resonance Straight Tonearm design
- Knife-edge dynamic balance tonearm • MM cartridge supplied • Resonance absorbing turntable mat • Anti-skating compensation • S/N ratio: 72 dB
- Wow & flutter (WRMS): 0.04% • 435 x 115 x 355 mm (W x H x D) • 3.5 kg



## SPEAKER SYSTEMS

### NS-2000

- 3-way bookshelf speaker system
- 33 cm pure carbon fiber cone woofer
- Beryllium dome 8.8 cm midrange and 3 cm tweeter drivers
- In-line speaker configuration with rounded baffle
- Superbly crafted cabinetry
- Midrange and tweeter level controls
- 250 W music input power
- Sound pressure level: 90 dB/W/m
- 440 x 752 x 404 mm (W x H x D)
- 47 kg



### NS-1000x

- 3-way bookshelf speaker system
- 30 cm pure fiber cone woofer
- Beryllium dome 8.8 cm midrange and 3 cm tweeter drivers
- In-line speaker configuration with rounded baffle
- Low-distortion crossover network
- Midrange and tweeter level controls
- 200 W music input power
- Sound pressure level: 90 dB/W/m
- 427 x 695 x 334.5 mm
- 42 kg



### NS-1000M

- 3-way bookshelf speaker system
- 30 cm cone woofer
- Beryllium dome 8.8 cm midrange and 3 cm tweeter drivers
- Tangential edge suspension
- Acoustic suspension design
- Unique acoustic equalizers
- Monitor design
- 200 W music input power
- Sound pressure level: 90 dB/W/m
- 375 x 675 x 326 mm (W x H x D)
- 31 kg



### NS-500Ma

- 3-way bookshelf acoustic suspension speaker system
- 30 cm pure carbon fiber cone woofer
- 10 cm pure carbon fiber midrange cone with titanium carbide parabolic dome
- 3 cm pure beryllium dome tweeter
- 200 W music input power
- Sound pressure level: 91.5 dB/W/m
- 374 x 678 x 325 mm (W x H x D)
- 23.5 kg



### NS-200Ma

- 3-way bookshelf acoustic suspension speaker system
- 25 cm laminated carbon fiber/spruce woofer cone
- 10 cm pure carbon fiber cone with titanium carbide dome midrange
- 3 cm tweeter with titanium carbide dome
- Low-distortion crossover network
- Midrange and tweeter level controls
- 200 W music input power
- Sound pressure level: 90 dB/W/m
- 320 x 585 x 325.5 mm (W x H x D)
- 16.5 kg



### NS-100X

- 3-way bookshelf speaker system
- 23 cm pure carbon fiber woofer cone
- 6 cm pure carbon fiber cone with titanium carbide dome midrange
- 3 cm tweeter with titanium carbide dome
- Field Isolation Dual Magnetic system
- In-line speaker configuration with rounded baffle
- Low-distortion crossover network
- 160 W music input power
- Sound pressure level: 91 dB/W/m
- 312 x 530 x 275 mm (W x H x D)
- 14 kg



### NS-20M

- 3-way bookshelf speaker system
- 23 cm pure spruce cone woofer
- 4.7 cm titanium carbide semi-dome tweeter
- 3 cm titanium carbide semi-dome super tweeter
- Resonance-free enclosure with 3-way mitered construction
- 160 W music input power
- Sound pressure level: 91 dB/W/m
- 270 x 410 x 255.2 mm (W x H x D)
- 9.5 kg



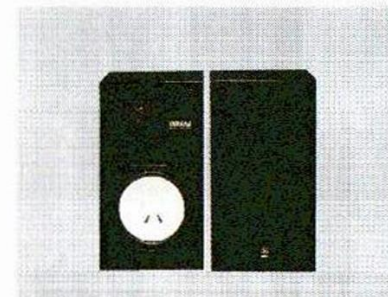
### NS-30X

- 3-way, 3 speaker bass reflex system
- 20 cm SFCC (Super Fine Ceramic Composite) woofer cone
- 3.5 cm High Nitride Dome midrange
- 1.5 cm aluminum-coated polyester tweeter
- In-line speaker configuration with rounded baffle
- Low-loss, low-distortion crossover network
- 180 W music input power
- Sound pressure level: 92 dB/W/m
- 282 x 474 x 265 mm (W x H x D)
- 10 kg



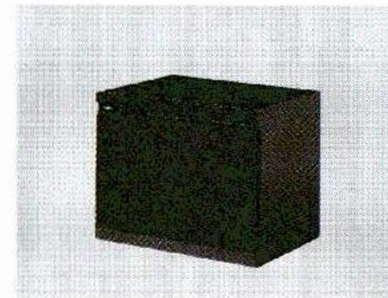
### NS-10M

- 2-way bookshelf speaker system
- 18 cm single-sheet, white cone woofer
- 3.5 cm soft dome tweeter
- Acoustic suspension enclosure
- High efficiency, maximum sound dispersion design
- 100 W music input power
- Sound pressure level: 90 dB/W/m
- 215 x 382 x 199 mm (W x H x D)
- 6 kg



### NS-W2

- Super woofer
- Supplements bass response for any speaker system; especially useful for compact speakers
- Built-in 40 W amplifier with volume control
- Magnetically shielded
- Easy system connection, convenient placement
- Woofer: 25 cm
- 450 x 360 x 315 mm (W x H x D)
- 12 kg



### NS-153

- 3-way, 3-speaker floor standing bass reflex system
- 25 cm cone woofer
- 12 cm cone midrange
- 5 cm tweeter
- 100 W music input power
- Sound pressure level: 92 dB/W/m
- Frequency response: 40 to 20,000 Hz
- 380 x 786 x 287 mm (W x H x D)
- 13 kg



### NS-052

- 2-way, 2-speaker bookshelf acoustic suspension system
- 25 cm cone woofer
- 5 cm tweeter
- 80 W music input power
- Sound pressure level: 93 dB/W/m
- Frequency response: 50 to 20,000 Hz
- 295 x 500 x 248 mm (W x H x D)
- 7.5 kg



## CD-2000

- Original Yamaha LSI technology • Precision 3-beam laser pickup
- Independent L/R channel digital filters • Vibration Damping Circuit Assembly
- 10-key direct selection access • 12-selection programmable random access playback
- Index search • 3-way music search • 3-way repeat play • 6-digit multi-function fluorescent display • Fixed/variable level output terminals • Output level volume controls
- Output level volume display • Space insert function • RS-D20 remote 10-key control unit with volume control • Timer-operated playback • Front panel phones jack • Sub-code output terminal • Gold-plated output terminals • Frequency response: 2–20,000 Hz,  $\pm 3$  dB • Harmonic distortion and noise (1 kHz): 0.002 % • S/N ratio: 102 dB • Dynamic range: 97 dB • Channel separation (1 kHz): 95 dB • 435 x 94 x 291 mm (W x H x D) • 5.2 kg



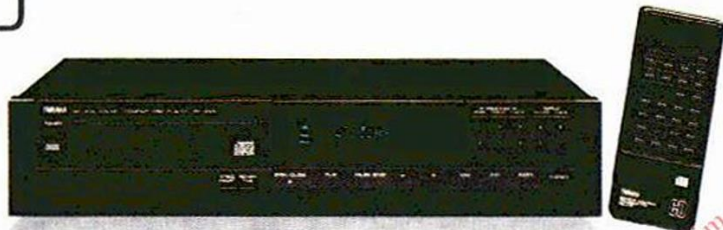
## CD-500

- Original Yamaha LSI technology • Precision 3-beam laser pickup
- Double resolution digital filter • 9-selection programmable random access playback • Index search • 3-way music search • 3-way repeat play • 4-digit multi-function LED display • Front panel phones jack with level control • 10-key direct selection access • Timer-operated playback • RS-D5 remote control unit • Frequency response: 4–20,000 Hz,  $+ 0.5/- 1$  dB • Harmonic distortion and noise (1 kHz): 0.003 % • S/N ratio: 100 dB • Dynamic range: 100 dB • Channel separation (1 kHz): 92 dB • 435 x 94 x 290 mm (W x H x D) • 4.8 kg



## CD-1000

- Original Yamaha LSI technology • Precision 3-beam laser pickup
- Double resolution digital filter • Vibration Damping Circuit Assembly • 10-key direct selection access • 12-selection programmable random access playback • Index search • 3-way music search • 3-way repeat play • 6-digit multi-function fluorescent display • Space insert function • RS-D10 remote 10-key control unit • Timer-operated playback • Front panel phones jack • Sub-code output terminal • Gold-plated output terminals • Frequency response: 2–20,000 Hz,  $\pm 3$  dB • Harmonic distortion and noise (1 kHz): 0.002 % • S/N ratio: 102 dB • Dynamic range: 97 dB • Channel separation (1 kHz): 95 dB • 435 x 94 x 291 mm (W x H x D) • 5.1 kg



## CD-450

- Original Yamaha LSI technology • Precision 3-beam laser pickup
- Double resolution digital filter • 9-selection programmable random access playback • Index search • 3-way music search/repeat play • 4-digit multi-function LED display • RS-D5 remote control unit • Frequency response: 5–20,000 Hz,  $+ 0.5/- 1$  dB • Harmonic distortion and noise: 0.004% (1 kHz) • S/N ratio: 98 dB • Dynamic range: 95 dB • Channel separation (1 kHz): 90 dB • 435 x 94 x 290 mm (W x H x D) • 4.2 kg



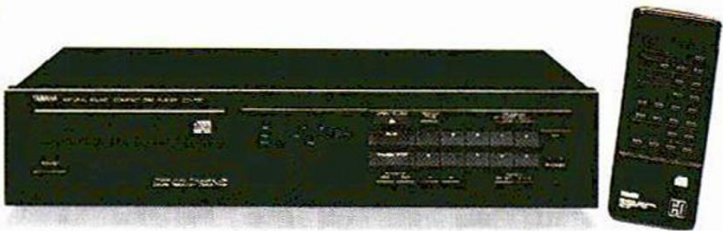
## CD-400

- Original Yamaha LSI technology • Precision 3-beam laser pickup
- Double resolution digital filter • 9-selection programmable random access playback • Index search • 3-way music search • 2-way repeat play • 4-digit multi-function LED display • Front panel phones jack • Timer-operated playback • Frequency response: 5–20,000 Hz,  $+ 0.5/- 1$  dB • Harmonic distortion and noise (1 kHz): 0.004 % • S/N ratio: 98 dB • Dynamic range: 95 dB • Channel separation (1 kHz): 90 dB • 435 x 94 x 287 mm (W x H x D) • 4.2 kg



## CD-700

- Original Yamaha LSI technology • Precision 3-beam laser pickup
- Double resolution digital filter • 12-selection programmable random access playback • Index search • 3-way music search • 3-way repeat play • 6-digit multi-function fluorescent display • Front panel phones jack with level control • 10-key direct selection access • Timer-operated playback • RS-D7 remote 10-key control unit • Sub-code output terminal • Frequency response: 4–20,000 Hz,  $+ 0.5/- 1$  dB • Harmonic distortion and noise (1 kHz): 0.003 % • S/N ratio: 100 dB • Dynamic range: 96 dB • Channel separation (1 kHz): 92 dB • 435 x 94 x 290 mm (W x H x D) • 4.8 kg



## CD-X3

- Original Yamaha LSI technology • Precision 3-beam laser pickup • Double resolution digital filter • 9-selection programmable random access playback
- Index search • 3-way music search • 2-way repeat play • 4-digit multi-function LED display • Front panel phones jack • Timer-operated playback • Frequency response: 5–20,000 Hz,  $+ 0.5/- 1$  dB • Harmonic distortion and noise (1 kHz): 0.004 % • S/N ratio: 98 dB • Dynamic range: 95 dB • Channel separation (1 kHz): 90 dB • 340 x 92 x 287 mm (W x H x D) • 3.5 kg

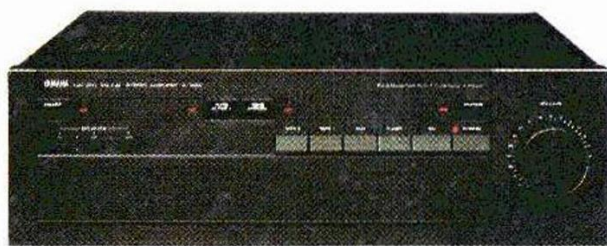


Archiv Hersteller

## INTEGRATED AMPLIFIERS

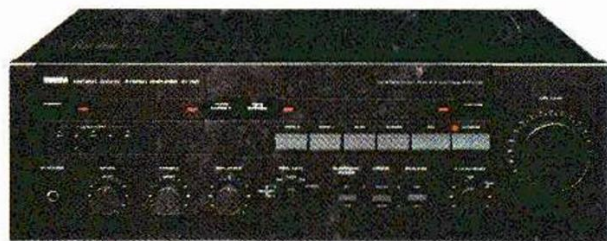
### A-1020

- Auto Class A power • Zero Distortion Rule (ZDR) amplification
- Low impedance drive capability
- New Continuously Variable Loudness Control
- Bass/treble tone controls with selectable turnover frequencies
- Tone bypass switch
- Extended rolloff phono equalizer
- Accessory output loop
- Phono 1/2 selector with switchable impedance/capacitance of MC/MM cartridges
- Rec Out Selector
- A/B/C speaker selectors
- Min. RMS output power/ch.: 125 W (8 ohms, 0.005% THD)
- Dynamic power/ch. (8/4/2 ohms): 171/269/375 W
- S/N: 94 dB (phono MM)
- Frequency response: 20–20,000 Hz, +0/–0.5 dB
- 435 x 147 x 422 mm (W x H x D)
- 11.5 kg



### A-720

- Auto Class A power • ZDR • Low impedance drive capability
- New Continuously Variable Loudness Control
- Tone bypass
- Extended rolloff phono equalizer
- Accessory output loop
- MM/MC cartridge load selector
- Rec Out Selector
- Switchable subsonic filter
- A/B/C speaker selectors
- Min. RMS output power/ch.: 105 W (8 ohms, 0.005% THD)
- Dynamic power/ch. (8/4/2 ohms): 145/240/320 W
- S/N: 92 dB (phono MM)
- Frequency response: 20–20,000 Hz, +0/–0.5 dB
- 435 x 147 x 399 mm (W x H x D)
- 10.2 kg



### A-520

- ZDR • Low impedance drive capability
- New Continuously Variable Loudness Control
- Tone bypass switch
- Accessory output loop
- MM/MC selector
- Rec Out Selector
- Min. RMS output power/ch.: 75 W (8 ohms, 0.01% THD)
- Dynamic power/ch. (8/4/2 ohms): 97/169/160 W
- S/N: 92 dB (phono MM)
- Frequency response: 20–20,000 Hz, +0/–0.5 dB
- 435 x 136 x 339 mm (W x H x D)
- 7.5 kg



### A-420

- Low impedance drive capability
- Continuously Variable Loudness Control
- MM/MC selector
- Min. RMS output power/ch.: 50 W (8 ohms, 0.015% THD)
- Dynamic power/ch. (8/4/2 ohms): 85/115/120 W
- S/N: 90 dB (phono MM)
- Frequency response: 20–20,000 Hz, +0/–0.5 dB
- 435 x 112 x 327 mm (W x H x D)
- 5.9 kg



## TUNERS

### T-85

- New CSL tuning
- Digital fine tuning
- Low-Distortion High-Separation Pure Stereo MPX Demodulator
- 20-station random access preset
- 6-way status station memory (all reception modes are held in memory, along with station frequency)
- 4-position IF mode selector (super-wide/wide/narrow/super-narrow)
- Dynamic auto blend
- Signal quality meter
- Switchable FM RF mode
- Zero IM mixer front end
- 50 dB quieting sensitivity (mono): 1.6  $\mu$ V (15.3 dBf)
- S/N (stereo): 90 dB
- Stereo separation: 68 dB
- 435 x 93.5 x 357 mm (W x H x D)
- 5 kg



### T-1020

- New CSL tuning
- Digital fine tuning
- 20-station random access preset
- 4-way multi-status station memory (station frequency + fine tuning, Auto/local/DX mode, FM Auto Stereo/Manual Mono mode, FM filter status)
- Zero IM mixer front end
- RF servo gain control
- LED signal quality meter
- 50 dB quieting sensitivity (mono): 1.6  $\mu$ V (15.3 dBf)
- S/N (stereo): 84 dB
- Stereo separation: 55 dB
- 435 x 72 x 316 mm (W x H x D)
- 3.4 kg



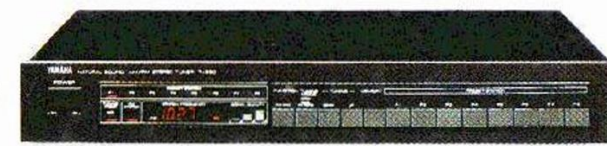
### T-720

- New CSL tuning
- 20-station random access preset
- 3-way multi-status station memory (station frequency, FM Auto Stereo/Manual Mono mode, AM/FM filter status)
- Switchable FM filter
- LED signal quality meter
- 50 dB quieting sensitivity (mono): 1.6  $\mu$ V (15.3 dBf)
- S/N (stereo): 83 dB
- Stereo separation: 50 dB
- 435 x 72 x 316 mm (W x H x D)
- 3.3 kg



### T-520

- New IF count PLL synthesizer tuning
- 8 FM/8 AM preset
- 2-way multi-status station memory (station frequency, FM Auto Stereo/Manual Mono mode)
- LED signal quality meter
- 50 dB quieting sensitivity (mono): 1.55  $\mu$ V (15.1 dBf)
- S/N (stereo): 76 dB
- Stereo separation: 40 dB
- 435 x 72 x 281 mm (W x H x D)
- 3 kg



### T-420

- Direct PLL synthesizer tuning
- 16-station random access preset
- Auto search/manual tuning
- Multi-function LCD display
- Signal quality meter
- 50 dB quieting sensitivity (mono): 1.6  $\mu$ V (15.3 dBf)
- S/N (stereo): 76 dB
- Stereo separation: 40 dB
- 435 x 72.5 x 236.5 mm (W x H x D)
- 2.3 kg



### T-320

- Pilot Tone PLL Multiplex Tuning
- 3 segment LED signal quality meter
- Simple operation
- Large, well-balanced tuning knob
- 50 dB quieting sensitivity (mono): 1.55  $\mu$ V (15.1 dBf)
- S/N (stereo): 76 dB
- Stereo separation: 40 dB
- 435 x 72 x 299 mm (W x H x D)
- 3.2 kg



## SPEAKER SYSTEMS

### NS-9393

- 4-way, 5-speaker bass reflex speaker system
- Auto reset power protection
- LED power level indicators
- 43 cm white cone woofer with carbon woofer cap
- Midrange driver (16.5 cm cone type) and horn tweeter with acoustic lens
- Dual horn-type constant directivity super tweeters
- Heavy-duty speaker connection terminals
- Tone response control
- 300 W music input power
- Sound pressure level: 100 dB/W/m
- 460 x 720 x 258 mm (W x H x D)
- 19 kg



### NS-8383

- 4-way, 4-speaker bass reflex speaker system
- Auto reset power protection
- LED power level indicators
- 43 cm white cone woofer with carbon woofer cap
- Midrange driver (16.5 cm cone type) and horn tweeter with acoustic lens
- Horn-type constant directivity super tweeter
- Heavy-duty speaker connection terminals
- Tone response control
- 250 W music input power
- Sound pressure level: 98 dB/W/m
- 460 x 700 x 258 mm (W x H x D)
- 18.5 kg



### NS-7373

- 4-way, 4-speaker bass reflex speaker system
- Tone response controls
- 35 cm cone woofer
- 12 cm cone midrange
- Horn tweeter
- 5 cm super tweeter
- 200 W music input power
- Sound pressure level: 96 dB/W/m
- Frequency response: 25 to 20,000 Hz
- 400 x 631 x 265 mm (W x H x D)
- 14.5 kg



### NS-6363

- 3-way, 3-speaker bass reflex speaker system
- 30 cm cone woofer
- 12 cm cone midrange
- 5 cm tweeter
- 200 W music input power
- Sound pressure level: 93 dB/W/m
- Frequency response: 50 to 20,000 Hz
- 380 x 574 x 267 mm (W x H x D)
- 12 kg



*Product designs and specifications subject to change without notice.*

*\*\*\*"dbx" is a trademark of dbx incorporated. \*TM Dolby Laboratories Licensing Corp.*

**For details please contact:**

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