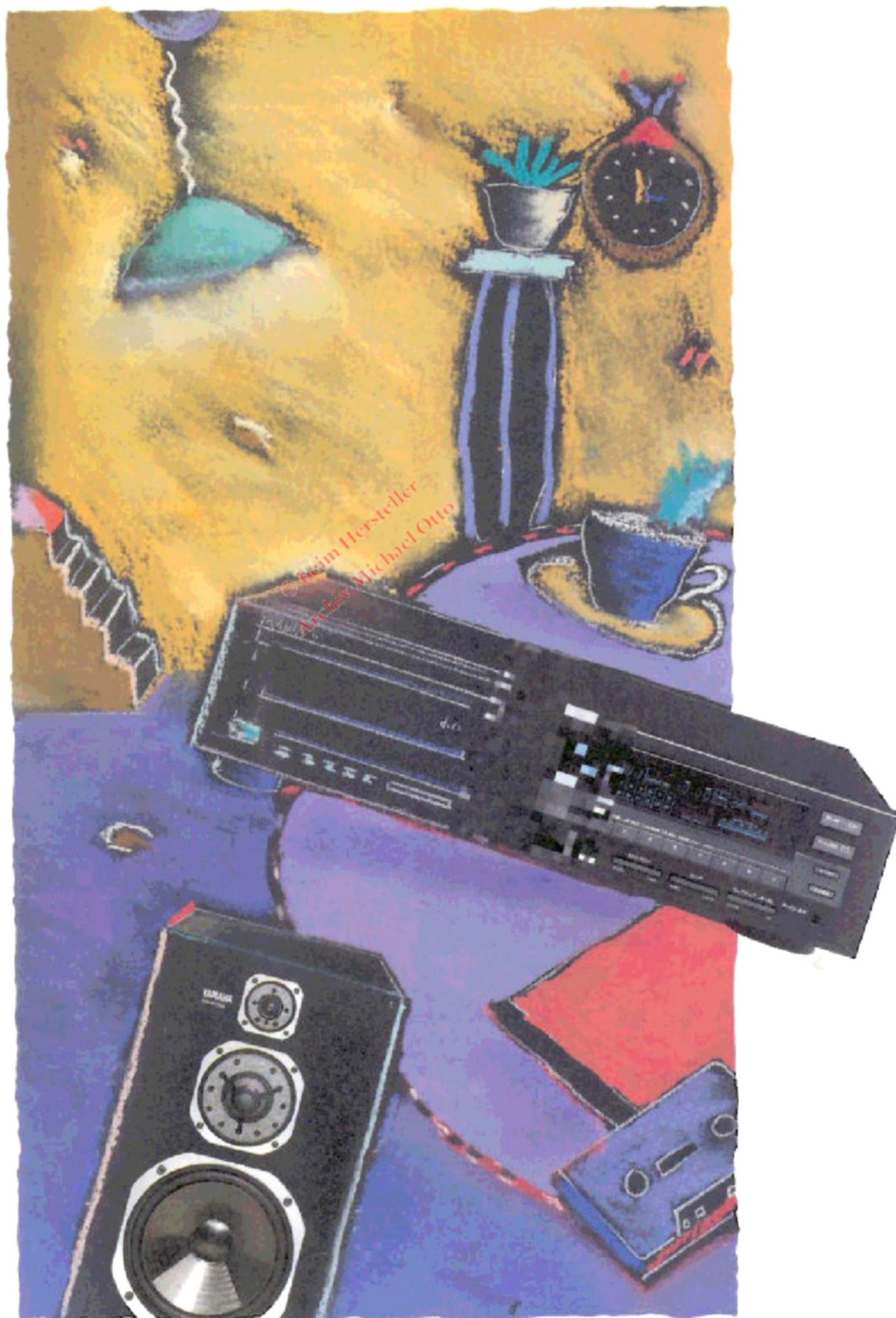


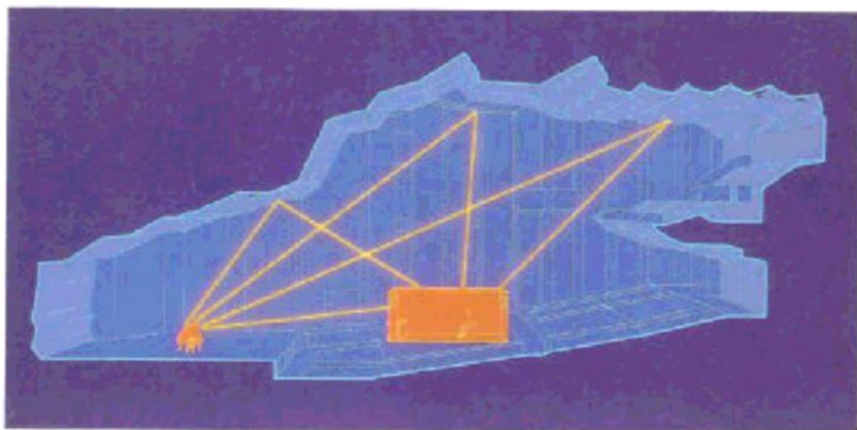
YAMAHA AUDIO

A Hundred Years of Musical Experience

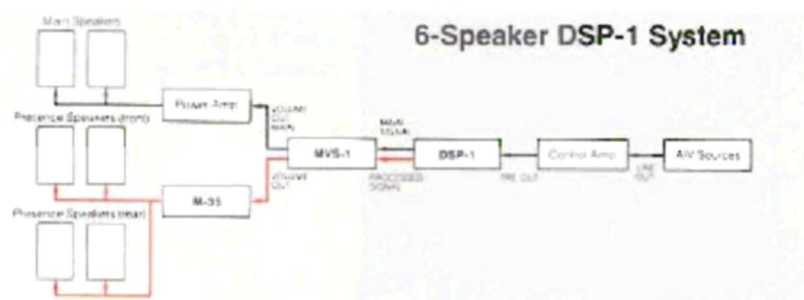
100
YAMAHA 1887-1987



DIGITAL SOUND FIELD PROCESSORS



The Yamaha Sound Field Processor simulates the distinct acoustic patterns of reverberation, echo, presence, and ambience measured in actual performing environments — from the intimate jazz club to the symphonic concert hall to the open air pavilion — to recreate the spatial realism of the live listening experience. Hear Carmen the way it would actually sound at a renowned opera house, enjoy your favorite trio in the cozy acoustic environment of a jazz club, experience the power of rock in a huge stadium — in short, you can select the acoustic environment that most ideally suits you and your music. And, of course, since all signal processing is digital, the sound is simply superb.



DSP-1

- 16 performing environments by Yamaha digital technology
- Dolby* surround
- Natural surround
- Simulated surround
- 16 sound effector programs
- 30-key wireless remote control
- Backlit LCD display
- 435x72x312 mm (WxHxD)
- 4.5 kg



DIGITAL SOUND FIELD SYSTEM-UP COMPONENTS

M-35 2/4 Channel Dual-Mode Power Amplifier

- Selectable 2-channel/4-channel operation
- 4 independently adjustable output channels
- High power: 40 W into 8 ohms (2-channel), 20 W into 8 ohms (4-channel)
- Adjustable front/rear speaker level control (4-channel)
- S/N ratio (2/4 ch.) 120/113 dB
- 435x92.5x286.7 mm (WxHxD)
- 5.0 kg



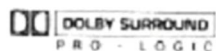
MVS-1 Master Volume Controller/Selector

- High-precision 6-channel master volume controller for DSP-1 system
- Input selector for 3 inputs and 1 tape monitor
- 435x72x286 mm (WxHxD)
- 2.5 kg



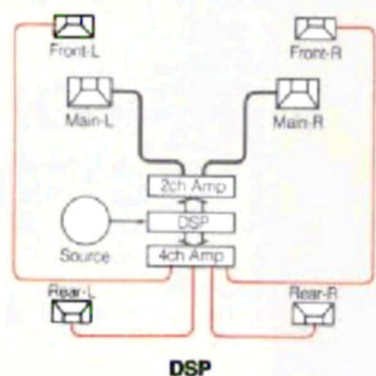
DIGITAL SURROUND DECODER

DSR-100 PRO

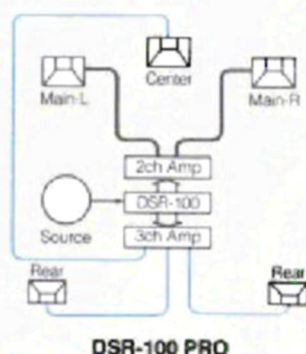


- Dolby surround pro logic circuitry
- DSP interface
- Digital delay control of 20/30 mSec.
- Master volume control
- Rear and center level controls
- Center mode switch
- Test mode/built-in oscillator
- Tape monitor
- THD: 0.003%
- Frequency response: 10-50,000 Hz, +0 -3 dB
- 435x75x319.5 mm (WxHxD)
- 4.1 kg

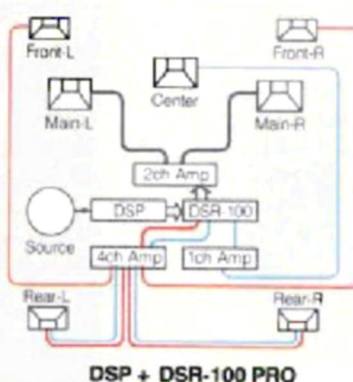
YAMAHA DSP SYSTEM



DOLBY PRO LOGIC SYSTEM



YAMAHA DSP plus DOLBY PRO LOGIC SYSTEM



SPEAKER SYSTEMS

NS-1000X

- 3-way bookshelf speaker system • 30 cm pure carbon fiber cone woofer • Beryllium dome 8.8 cm midrange and 3 cm tweeter drivers • Rounded baffle • Midrange and tweeter level controls • 200 W music input power • Sound pressure level (SPL): 90 dB/W/m • 427×695×334.5 mm (W×H×D) • 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 • Unique acoustic equalizers • Monitor design • 200 W music input power • SPL: 90 dB/W/m • 375×675×326 mm (W×H×D) • 31 kg



NS-700X

- 3-way bass reflex speaker system • 31 cm pure carbon fiber cone woofer • 10 cm pure carbon fiber/amorphous diamond semi-dome midrange • 3 cm amorphous diamond dome tweeter • Independent midrange and tweeter level controls • Rounded Baffle • 200 W music input power • SPL: 92 dB/W/m • 380×672×344 mm (W×H×D) • 25 kg



NS-300X

- 3-way bass reflex speaker system • 27 cm pure carbon cone woofer • 6 cm amorphous diamond semi-dome midrange • 3 cm amorphous diamond dome tweeter • Rounded baffle • Bass reflex port • 200 W music input power • SPL: 91 dB/W/m • 322×583×326.5 mm (W×H×D) • 18 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 • Rounded baffle • 180 W music input power • SPL: 92 dB/W/m • 282×474×265 mm (W×H×D) • 10 kg



NS-10MPRO

- 2-way bookshelf speaker system built to professional specifications for home use • 18 cm white cone woofer • Newly designed 3.5 cm soft dome tweeter with low resonance characteristics • 120 W music input power • SPL: 90 dB/W/m • 215×382×199 mm (W×H×D) • 6 kg



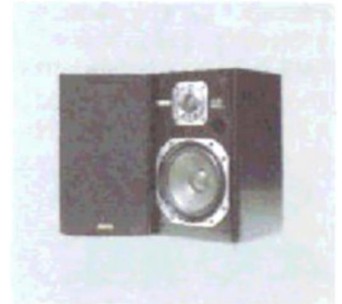
NS-10M

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



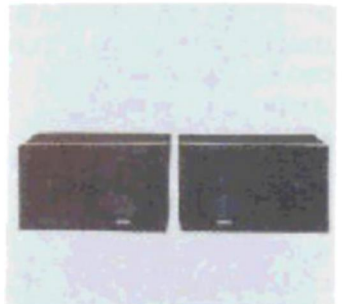
NS-5X

- 2-way bass reflex speaker system • 18 cm SFCC woofer cone • 3.5 cm high Nitride dome tweeter • Round baffle • Magnetic shielding • 140 W music input power • SPL: 92 dB/W/m • 225×370×229 mm (W×H×D) • 5.4 kg



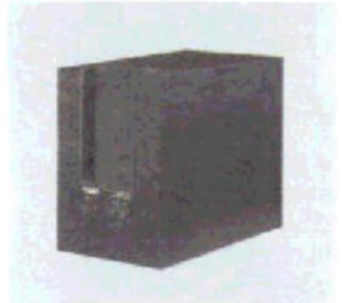
NS-C5

- 2-way compact bookshelf speaker system • 13.8 cm pure spruce cone woofer • 3 cm soft dome tweeter • Sharp, accurate music reproduction • 40 W music input power • SPL: 87 dB/W/m • 152×257×140 mm (W×H×D) • 2.8 kg



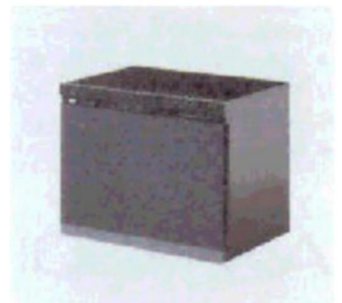
NS-W10

- Super woofer • Enhanced bass for any source • Sophisticated 2-section enclosure • Double-magnet magnetic shielding for A/V use • Comprehensive sound contouring control • Built-in 60 W amplifier with volume control • 260×379×435 mm (W×H×D) • 13.5 kg



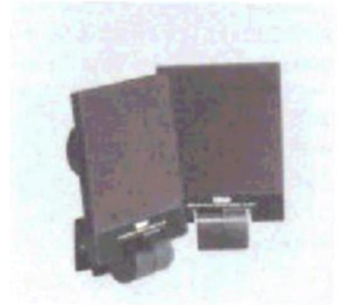
NS-W2

- 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 • 450×360×315 mm (W×H×D) • 12 kg



NS-E555

- Presence speakers for surround sound system • 8 cm single cone, magnetic-resistant type • Compact dimensions, convenient mounting clips and sleek, modern design • 7 m cords included • 20 W music input power • SPL: 85 dB/W/m • 125×180×83 mm (W×H×D) • 0.55 kg



INTEGRATED AMPLIFIERS

AX-900U

- ALA (absolute linear amplification) circuitry • High dynamic power and super low-impedance drive
- Completely independent pre/main amp configuration
- Separate preamp with CD direct position • Dual rec out selectors
- Bass/mid/treble center defeat tone controls • Continuously variable loudness control • 3 tape inputs/7 total source inputs • Phono MM/MC selector • Quality parts and construction • Switchable subsonic filter
- Switchable high filter • Speaker A/B selectors • Muting switch • Min. RMS output power/ch.: 130 W (8 ohms, 0.005% THD) • Dynamic power/ch. (8/4/2/1 ohms): 180/320/440/520 W • S/N: 93 dB (phono MM)
- Frequency response: 20–20,000 Hz, +0/–0.5 dB • 435×165×416 mm (W×H×D) • 17.0 kg



AX-700U

- ALA circuitry • High dynamic power, super low-impedance drive • CD direct position • 3 tape input/7 total source inputs • Rec out selector • Continuously variable loudness control • Phono MM/MC selector • Center defeat bass and treble tone controls • Tone bypass switch • Switchable subsonic filter
- Speaker A/B selectors • Accessory output loop • Muting switch • Min. RMS output power/ch.: 110 W (8 ohms, 0.005% THD) • Dynamic power/ch. (8/4/2/1 ohms): 160/280/350/400 W • S/N: 92 dB (phono MM)
- Frequency response: 20–20,000 Hz, +0/–0.5 dB • 435×165×416 mm (W×H×D) • 12.0 kg



AX-500U Silver model available

- ALA circuitry • High dynamic power, low-impedance drive • CD direct position • 2 tape inputs/6 total source inputs • Rec out selector
- Continuously variable loudness control • Phono MM/MC selector • Center defeat bass and treble tone controls • Tone bypass switch • Switchable subsonic filter • Speaker A/B selectors
- Accessory output loop • Min. RMS output power/ch.: 85 W (8 ohms, 0.01% THD) • Dynamic power/ch. (8/4/2 ohms): 140/200/230 W • S/N: 92 dB (phono MM) • Frequency response: 20–20,000 Hz, ±0.5 dB
- 435×139×332 mm (W×H×D) • 7.7 kg



AX-400U

- High dynamic power, low-impedance drive • Pure current servo phono EQ amp • 2 tape inputs/6 total source inputs • Tape copy function • Continuously variable loudness control
- Phono MM/MC selector • Center defeat bass and treble tone controls
- Speaker A/B selectors • Min. RMS output power/ch.: 55 W (8 ohms, 0.015% THD) • Dynamic power/ch. (8/4/2 ohms): 102/138/158 W • S/N: 91 dB (phono MM) • Frequency response: 20–20,000 Hz, ±0.5 dB
- 435×134×332 mm (W×H×D) • 6.2 kg



AX-300U

- ALA circuitry • High dynamic power, low-impedance drive • Pure current servo phono EQ amp • High-grade parts and construction • Gold-plated phono and CD input terminals • Center defeat bass and treble controls
- Rotary-type input selector • Tape monitor switch • Min. RMS output power/ch.: 30 W (8 ohms, 0.05% THD) • Dynamic power/ch. (8/4/2 ohms): 55/75/80 W • S/N: 88 dB (phono MM) • Frequency response: 20–20,000 Hz, +0/–0.5 dB • 435×92×293 mm (W×H×D) • 4.6 kg



AUDIO/VIDEO CONTROL AMPLIFIERS

AVX-100U RS

- Superior multi-function input/output control with 10 audio and 6 video inputs
- Switchable 4-ch. or 3-ch. operation • 8-mode digital surround processor • Video enhancer
- Independent rec out selection • Superimposition function • Title edit
- Fully integrated remote control system • Min. RMS output power per ch. Main A: (8/6 ohms, 0.01% THD, 20-20,000 Hz) 65/70 W, Main B: (8 ohms, 0.01% THD, 1 KHz) 14W • Dynamic power per ch.: Main A: (8/6 ohms) 85/105 W, Main B: (8 ohms) 18W • S/N: 86 dB (phono MM), 120 dB (Main A in) • Frequency response: 20–20,000 Hz, ±1 dB
- 435×126×380 mm (W×H×D) • 9.6 kg.



AVC-30U RS

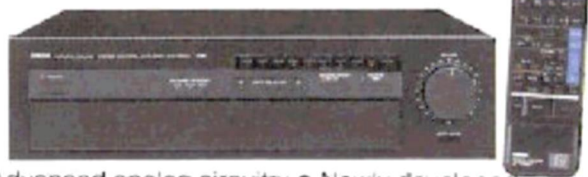
- 5 audio source inputs, 3 video source inputs • 3-mode surround processing with Dolby surround • 4-channel amplifier configuration • Independent rear speaker level controls • Bass extension control • 4-position rec out selector for A/V dubbing • Headphone jack • Volume control with LED
- Power indicator LED • Pre-main coupling loop • Front, rear, front+rear speaker selectors • Min. RMS output power per ch. (front/rear): 100/20 W (8 ohms, 0.05% THD, 20–20,000 Hz) • Dynamic power per ch. (1 kHz, 8/4/2 ohms): 125/190/255 W • S/N: 80 dB (phono MM), 100 dB (CD etc.)
- Frequency response: 20–20,000 Hz, ±0.5 dB • 435×121×315.5 mm (W×H×D) • 10.2 kg



CONTROL AMPLIFIERS

CX-1000U *RS*

- Hi-bit 8 times over-sampling digital filter
- Hi-bit twin D/A converters
- Hi-bit direct output
- Wide capture range, jitterless PLL
- Advanced analog circuitry
- Newly developed super low distortion electronic signal selector circuit
- Multiple A/V source selection
- A/V rec outputs
- Source direct switch
- Optical and coaxial digital audio source inputs/rec outputs
- Automatic sampling frequency switching
- MM/MC cartridge load selection
- Bass, treble and midrange tone controls
- Continuously variable loudness control
- THD (phono MC to rec out, 1.5 V): 0.002%
- S/N ratio: 91 dB (phono MC), 106 dB (source direct)
- 435×129×400 mm (W×H×D) • 11.5 kg



CX-800U *RS*

- Newly developed super low distortion electronic signal selector circuit
- Multiple A/V source selection
- A/V rec outputs
- Source direct switch
- Phase invert switch
- Continuously variable loudness control
- MM/MC Cartridge load selection
- Bass and treble tone controls with continuously variable turnover frequencies
- THD (phono MC to rec out, 1.5 V): 0.002%
- S/N ratio: 90 dB (phono MC), 106 dB (source direct)
- 435×95×380 mm (W×H×D) • 6.3 kg



CX-600U *RS*

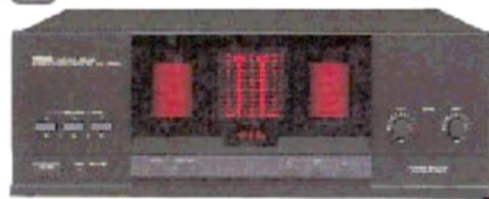
- Newly developed super low distortion electronic signal selector circuit
- Multiple A/V source selection
- Rec out selector
- Source direct switch
- Continuously variable loudness control
- MM/MC Cartridge switching
- Bass, treble and midrange tone controls
- Backlit input selector indications
- THD (phono MC to rec out, 1.5 V): 0.002%
- S/N ratio: 84 dB (phono MC), 106 dB (source direct)
- 435×83×298 mm (W×H×D) • 4.7 kg



POWER AMPLIFIERS

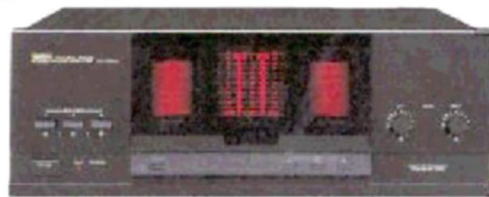
MX-1000U

- HCA (Hyperbolic Conversion Amplification) circuit
- High dynamic power
- APS (Advanced Power Supply)
- Low impedance drive capability
- Speaker A/B/C selectors
- Independent L/R level control
- New 3-D design 26-segment LCD power meter and digital readout
- Meter on/off switch
- Meter display load selectors
- Peak hold display
- Min. RMS output power per ch. (8 ohms, 20–20,000 Hz, 0.003% THD): 260 W
- Dynamic power per ch. (1 kHz, 8/4/2/1 ohms): 450/740/960/1000 W
- S/N ratio: 126 dB
- 435×165×425 mm (W×H×D) • 20.5 kg



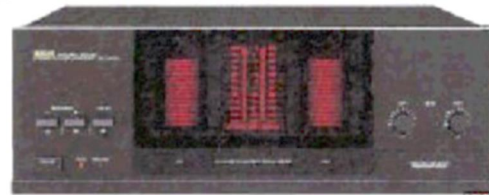
MX-800U

- HCA circuitry
- High dynamic power
- APS circuitry
- Low impedance drive capability
- Speaker A/B/C selectors
- Independent L/R level control
- New 3-D design 26-segment LCD power meter
- Meter on/off switch
- Meter display load selectors
- Min. RMS output power per ch. (8 ohms, 20–20,000 Hz, 0.003% THD): 170 W
- Dynamic power per ch. (1 kHz, 8/4/2/1 ohms): 270/440/570/600 W
- S/N ratio: 124 dB
- 435×165×425 mm (W×H×D) • 14.5 kg



MX-600U

- HCA circuitry
- High dynamic power
- Low impedance drive capability
- Speaker A/B selectors
- Independent L/R level control
- 12-segment LED power meter
- Meter on/off switch
- Min. RMS output power per ch. (8 ohms, 20–20,000 Hz, 0.003% THD): 135 W
- Dynamic power per ch. (1 kHz, 8/4/2/1 ohms): 220/360/480/500 W
- S/N ratio: 123 dB
- 435×165×420 mm (W×H×D) • 13.0 kg



GRAPHIC EQUALIZERS

EQ-1100U

- Auto room EQ
- 3 EQ preset memories (vocal, fusion, disco)
- 4 EQ preset user memories
- Fluorescent spectrum analyzer display
- Wireless remote control
- Rocker-type EQ level controls
- Center frequencies at 30, 60, 120, 240, 480 Hz, 1, 2, 4, 8, 16 kHz
- Control range: ±12 dB
- Two tape monitors with tape dubbing
- EQ recording
- Continuously variable subsonic filter
- Electret condenser microphone
- Built-in pink noise generator
- S/N: 107 dB
- Frequency response: 10–50,000 Hz, ±1 dB
- 435×122×290 mm (W×H×D) • 3.8 kg



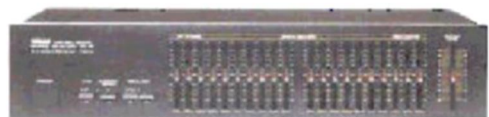
EQ-500U

- 10 bands of independent L/R channel EQ control
- Fluorescent spectrum analyzer display
- Independent output level control
- Control range: ±12 dB
- Tape monitor
- EQ recording
- Switchable subsonic filter
- Pink noise generator
- Electret condenser microphone
- S/N: 105 dB
- Frequency response: 10–35,000 Hz, ±0.5 dB
- 435×100×232 mm (W×H×D) • 2.85 kg



GE-30

- 10-band independent L/R channel equalization with side-by-side controls
- Control range: ±12 dB
- Independent L/R output level controls
- Tape monitor with EQ rec function
- EQ defeat
- Subsonic filter
- S/N: 105 dB
- Frequency response: 10–35,000 Hz, ±0.5 dB
- 435×100×232 mm (W×H×D) • 2.85 kg



RECEIVERS

RX-1100U *RS*

- Three video source inputs
- ALA circuitry
- Low-impedance drive capability
- Computer servo lock (CSL) tuning
- 16-station random preset
- Digital fine tuning
- Two-position IF mode
- Continuously variable loudness
- Simulated stereo
- Dynamic noise canceller
- Bass/mid/treble tone controls
- A/V rec out selectors
- Two-color video input selector indication
- Video enhancer with level and detail control
- Pre-main coupling terminals
- Speaker A/B/C selectors
- LED indicator on volume knob
- Min. RMS output power/ch.: 125 W (8 ohms, 0.015% THD)
- Dynamic power/ch. (8/4/2 ohms): 180/280/360 W
- S/N: 92 dB (phono MM)
- 50 dB quieting sensitivity (mono): 1.5 μ V (14.8 dBf)
- 435x151x423 mm (WxHxD)
- 12 kg



RX-900U *RS*

- Three video source inputs
- ALA circuitry
- Low impedance drive capability
- CSL tuning
- 16-station random preset
- Digital fine tuning
- Two-position IF mode
- Continuously variable loudness
- Simulated stereo
- Dynamic noise canceller
- Bass/mid/treble/tone controls
- Dual tape monitor inputs
- A/V rec out selectors
- Two color video input selector indication
- Video enhancer with level control
- Pre-main coupling terminals
- Speaker A/B selectors
- Min. RMS output power/ch.: 85 W (8 ohms, 0.015% THD)
- Dynamic power/ch. (8/4/2 ohms): 130/190/200 W
- S/N: 92 dB (phono MM)
- 50 dB quieting sensitivity (mono): 1.5 μ V (14.8 dBf)
- 435x151x423 mm (WxHxD)
- 11 kg



RX-700U *RS*

- Video level enhancer
- Two video source inputs
- Low impedance drive capability
- Rec out selector
- Continuously variable loudness
- Direct PLL IF count synthesizer tuning
- 16-station random preset
- Tone bypass switch
- Bass and treble tone controls
- Speaker A/B selectors
- Min. RMS output power/ch.: 65 W (8 ohms, 0.015% THD)
- Dynamic power/ch. (8/4/2 ohms): 101/150/170 W
- S/N: 92 dB (phono MM)
- 50 dB quieting sensitivity (mono): 1.55 μ V (15.1 dBf)
- 435x126x289 mm (WxHxD)
- 6.3 kg



RX-500U *RS* Silver model available

- Wireless remote control
- Direct PLL IF count synthesizer tuning system
- 16-station random preset
- Low-impedance drive capability
- Dynamic bass extension
- Rec out selector
- Continuously variable loudness
- 10-segment signal quality meter
- Bass and treble tone controls
- 2 tape inputs
- Video/aux input position
- Speaker A/B selectors
- Min. RMS output power/ch.: 50 W (8 ohms, 0.015% THD)
- Dynamic power/ch. (8/4/2 ohms): 81/138/112 W
- S/N: 88 dB (phono MM)
- 50 dB quieting sensitivity (mono): 1.55 μ V (15.1 dBf)
- 435x126x289 mm (WxHxD)
- 5.6 kg



RX-300U *RS*

- Direct PLL IF count synthesizer tuning
- 16-station random preset
- Low impedance drive capability
- Dynamic bass extension
- Continuously variable loudness
- 10-segment signal quality meter
- Bass and treble tone controls
- Tape monitor selector
- Speaker A/B selectors
- Min. RMS output power/ch.: 37 W (8 ohms, 0.04% THD)
- Dynamic power/ch. (8/4/2 ohms): 63/95/88 W
- S/N: 88 dB (phono MM)
- 50 dB quieting sensitivity (mono): 1.55 μ V (15.1 dBf)
- 435x126x288.5 mm (WxHxD)
- 5.2 kg



TUNERS

TX-1000U *RS*

- CSL tuning
- Alpha (Absolute Linear Phase IF Amplifier) circuitry
- 2-position IF mode selector
- Antenna selector switch
- Low distortion high-separation pure stereo MPX demodulator
- 24-station random preset
- 6-way multi-status station memory
- Station name display
- RF attenuator on/off switch
- 50 dB quieting sensitivity (mono): 1.6 μ V (15.3 dBf)
- S/N (stereo): 90 dB
- Stereo separation: 68 dB
- 435x95x367 mm (WxHxD)
- 6.1 kg



TX-900U *RS*

- CSL tuning system
- Digital fine tuning
- 20-station random preset
- Auto/manual 3-position IF mode selection
- 4-way multi-status station memory
- Integrated multi-function LCD display
- High blend switch
- 50 dB quieting sensitivity (mono): 1.55 μ V (15.1 dBf)
- S/N (stereo): 90 dB
- Stereo separation: 60 dB
- 435x92.5x282.5 mm (WxHxD)
- 3.3 kg



TX-500U *RS*

- Direct PLL IF count synthesizer tuning system
- Manual 2-position IF mode selector
- 20-station random preset
- 4-way multi-status station memory
- Integrated multi-function LCD display
- 24-segment signal quality meter
- High blend switch
- 50 dB quieting sensitivity (mono): 1.55 μ V (15.1 dBf)
- S/N (stereo): 76 dB
- Stereo separation: 50 dB
- 435x92.5x283.5 mm (WxHxD)
- 3.1 kg



TX-400U *RS* Silver model available

- Direct PLL synthesizer tuning system
- Auto search tuning
- Manual up/down tuning
- 16-station random preset
- Integrated multi-function LCD display
- 5-segment signal quality meter
- 50 dB quieting sensitivity (mono): 1.6 μ V (15.3 dBf)
- S/N (stereo): 76 dB
- Stereo separation: 40 dB
- 435x72.5x260 mm (WxHxD)
- 2.3 kg



TX-300U *RS*

- Direct PLL synthesizer tuning
- Auto search/manual tuning
- 16-station random preset
- Integrated multi-function LCD
- 5-segment signal quality meter
- 50 dB quieting sensitivity (mono): 1.6 μ V (15.3 dBf)
- S/N (stereo): 76 dB
- Stereo separation: 40 dB
- 435x72x237 mm (WxHxD)
- 2.1 kg



CD VIDEO COMBINATION PLAYER

CDV-1000

- CD/CDV/LD combination player
- Yamaha custom LSIs
- High resolution direct FM detector (425-line horizontal resolution)
- Super-tracking tilt servo pickup
- Precision tracking optical head
- 15-chapter/track random programmable access play
- Full time on-screen display for all disc types
- 4-mode repeat
- Frame number (CAV) or time number (CLV) access
- Easy connection to existing A/V systems
- Frequency response: 5–20,000 Hz, ± 0.5 dB
- Distortion (1 kHz): 0.003%
- S/N ratio: 97 dB (Digital audio)
- Dynamic range: 94 dB
- 435 x 108 x 400 mm (W x H x D)
- 8 kg
- NTSC standard only



CDX-810U RS

- Switchable Hi-bit DAC direct output
- Hi-bit 8 times oversampling digital filter
- High-speed twin D/A converters
- Coaxial digital output terminal
- Microcomputer-controlled 2-way servo system
- Isolation from digital interference
- New 8 cm CD single compatible
- Tape edit program
- 24-track random access programmable playback
- Auto program playback
- Frequency response: 2–20,000 Hz, ± 0.3 dB
- Harmonic distortion & noise (1 kHz): 0.003%
- S/N ratio: 106 dB
- Dynamic range: 100 dB
- 435 x 107 x 347 mm (W x H x D)
- 5.5 kg



COMPACT DISC PLAYERS

CDX-1110U RS

- Hi-bit DAC direct output
- Hi-bit 8 times oversampling digital filter
- Hi-bit twin D/A converters
- Hi-bit digital volume control
- Optical digital output connector
- Independent transformer shunt-regulated power supply
- Microcomputer-controlled 2-way servo system
- High-speed linear motor
- 24-track random access programmable playback
- Isolation from digital interference
- VM damper
- Frequency response: 2–20,000 Hz, ± 0.3 dB
- Harmonic distortion & noise (1 kHz): 0.002%
- S/N ratio: 118 dB
- Dynamic range: 100 dB
- 435 x 121 x 418 mm (W x H x D)
- 14.2 kg



CDX-910U RS

- Switchable Hi-bit DAC direct output
- Hi-bit 8 times oversampling digital filter
- Hi-bit twin D/A converters
- Hi-bit digital volume control
- Optical digital output connector
- Microcomputer-controlled 2-way servo system
- Isolation from digital interference
- New VM damper
- New 8 cm CD single compatible
- Tape edit program
- 24-track random access programmable playback
- Frequency response: 2–20,000 Hz, ± 0.3 dB
- Harmonic distortion & noise (1 kHz): 0.003%
- S/N ratio: 118 dB
- Dynamic range: 100 dB
- 435 x 107 x 347 mm (W x H x D)
- 7.5 kg



CDX-710U RS

- Switchable Hi-bit DAC direct output
- Hi-bit 8 times oversampling digital filter
- High-speed twin D/A converters
- Coaxial digital output terminal
- Microcomputer-controlled 2-way servo system
- New 8 cm CD single compatible
- Tape edit program
- 24-track random access programmable playback
- Auto program playback
- Frequency response: 2–20,000 Hz, ± 0.3 dB
- Harmonic distortion & noise (1 kHz): 0.005%
- S/N ratio: 106 dB
- Dynamic range: 100 dB
- 435 x 103 x 352 mm (W x H x D)
- 5.5 kg



CDX-510U RS Silver model available

- Hi-bit quadruple oversampling digital filter
- High-speed D/A converter
- New 3-beam laser pickup
- Microcomputer-controlled 2-way servo system
- Improved floating suspension design
- Tape edit program
- 24-track random access programmable playback
- 2-way timer playback set
- Frequency response: 5–20,000 Hz, ± 0.5 dB
- Harmonic distortion & noise (1 kHz): 0.008%
- S/N ratio: 100 dB
- Dynamic range: 96 dB
- 435 x 107 x 344 mm (W x H x D)
- 4.8 kg



CDX-410U

- Double resolution digital filter
- New 3-beam laser pickup
- Microcomputer-controlled 2-way servo system
- Improved floating suspension design
- Tape edit program
- 24-track random access programmable playback
- 3-way repeat play
- 3-way music search
- 2-way timer playback set
- Frequency response: 5–20,000 Hz, ± 0.5 dB
- Harmonic distortion & noise (1 kHz): 0.008%
- S/N ratio: 100 dB
- Dynamic range: 96 dB
- 435 x 107 x 344 mm (W x H x D)
- 4.8 kg



Archiv Hersteller
heim Hersteller
Archiv Michael Otto

AUTOMATIC CD CHANGER

CDC-610U **RS**



- Automatic CD changer mechanism with 10-disc magazine
- Hi-bit quadruple oversampling digital filter
- Hi-speed D/A converter
- Precision 3-beam laser pickup
- Microcomputer-controlled 2-way servo system
- Direct track access
- 36-track random access programmable playback
- "Plus One" memory play
- Random play
- Disc and music scan
- LED DISC IN display
- Repeat play
- YCM-10 Additional magazines (optional)
- Frequency response: 5–20,000 Hz, ± 0.5 dB
- Harmonic distortion & noise (1 kHz): 0.008%
- S/N ratio: 100 dB
- Dynamic range: 96 dB
- 435×122×357 mm (W×H×D)
- 7.1 kg

OPTIONAL 10-DISC MAGAZINE

YCM-10

(for the CDC-610U)



- Optional one for expanding CD collection, for example, one magazine for jazz, another for rock, another for classical, etc.

MULTIFUNCTION REMOTE CONTROL UNIT

MRX-100 **MEMORY MAX**



- Learning-capable multifunction remote control unit controls all A/V components
- 100 keys (97 function keys and 3 multi-command keys)
- 3 multi-command keys operating up to 15 controls
- Flip panel with dual-function keys
- Twin rocker type keys
- Simple and quick programming
- A variety of labels for a wide array of applications
- 74×218×35 (W×H×D)
- 240 g

MEMORY MAX may not be compatible with some electronic equipment.

CASSETTE DECKS

KX-1200U **RS**



- 3 head system
- Closed loop dual capstan drive
- ORBIT (optimum record bias tuning)
- Amorphous R/P heads
- Double dbx**, double Dolby B/C NR
- Dolby HX Pro*
- Optimum record level indicators
- Multi-function fluorescent display
- Master fader
- Dual speed FF/REW
- Auto monitor
- Rec return
- Music search
- Timer rec/play
- Full repeat play
- 0-memory point repeat play
- 28-key wireless remote control
- 9-selection random program playback
- Bi-directional intro scan
- Remaining time display
- Wow & flutter (WRMS): 0.03 %
- Frequency response (metal): 20–24,000 Hz, ± 3 dB
- S/N (dbx): 95 dB
- 435×134×379 mm (W×H×D)
- 7.9 kg

KX-800U **RS**



- 3 head system
- ORBIT system
- Amorphous R/P heads
- Double dbx, double Dolby B/C NR
- Dolby HX Pro
- Optimum record level indicators
- Multi-function fluorescent display
- Master fader
- Dual speed FF/REW
- Auto monitor
- Rec return
- Music search
- Timer rec/play
- Full repeat play
- 0-memory point repeat play
- 28-key wireless remote control
- 9-selection random program playback
- Bi-directional intro scan
- Remaining time display
- Wow & flutter (WRMS): 0.05%
- Frequency response (metal): 20–22,000 Hz, ± 3 dB
- S/N (dbx): 90 dB
- 435×117×273 mm (W×H×D)
- 4.8 kg

KX-500U **RS**



- Amorphous R/P heads
- Dolby B/C NR
- Play trim
- Dolby HX Pro
- Manual bias adjustment
- Master fader
- Auto rec mute
- Bi-directional intro scan
- Music search
- MPX filter selector
- Full/0-M repeat play
- Wow & flutter (WRMS): 0.05%
- Frequency response (metal): 20–20,000 Hz, ± 3 dB
- S/N (Dolby C): 76 dB
- 435×117×273 mm (W×H×D)
- 4.5 kg

KX-300U **RS** Silver model available



- Amorphous R/P heads
- Dolby B/C NR
- Play trim
- Dolby HX Pro
- Manual bias adjustment
- Rec return
- Auto rec mute
- Auto tape selector
- Bi-directional intro scan
- Music search
- MPX filter selector
- Full/phrase repeat
- Wow & flutter (WRMS): 0.05%
- Frequency response (metal): 30–20,000 Hz, ± 3 dB
- S/N (Dolby C): 76 dB
- 435×112×273 mm (W×H×D)
- 4.2 kg

KX-200U **RS**



- Hard permalloy R/P heads
- Full logic control
- Dolby B/C NR
- Bi-directional intro scan
- Full repeat and phrase repeat
- Rec mute
- Rec return
- Wow & flutter (WRMS): 0.08 %
- Frequency response (metal): 20–16,000 Hz, ± 3 dB
- S/N (Dolby C): 74 dB
- 435×112×272 mm (W×H×D)
- 4.2 kg

AUTO REVERSE DECKS

KX-R700U *RS*

- Auto reverse
- Amorphous R/P heads • 2 + 1 motor transport • dbx, Dolby B/C NR • Dolby HX Pro • Super bias • Electronic rec level control with numerical display
- Optimum record level indication • Power eject/close • Remaining time display • Auto fade-in/fade-out • Multi-function fluorescent display • Rec return • Bidirectional intro scan • Random program play • Music search
- Dual function programmable timer • Wow & flutter (WRMS): 0.05%
- Frequency response (metal): 20–20,000 Hz, ± 3 dB • S/N (dbx): 90 dB
- 435 x 114 x 297 mm (W x H x D) • 5.8 kg



KX-400U *RS*

- Auto reverse • Hard permalloy R/P heads • Dolby HX Pro • Dolby B/C NR • Auto rec mute • Auto tape selector
- Rec return • Single selection/phrase repeat • Music search • Auto fader • Wow & flutter (WRMS): 0.06 %
- Frequency response (metal): 20–20,000 Hz, ± 3 dB • S/N (Dolby C): 74 dB • 435 x 112 x 272 mm (W x H x D) • 4.3 kg



OPTIONAL REMOTE CONTROL UNIT

RS-KW5

(for the KX-200U, KX-400U, KX-W500U, KX-W302U and KX-W202U)

- Compact remote control receptor and transmitter
- Remote control of recording and playback functions



TWIN/DOUBLE DECKS

KX-W900U *RS*

- Twin deck (Auto reverse R/P on both decks)
- Simultaneous independent recording • Amorphous R/P heads • Full auto, skip, random program and manual dubbing along with high/normal speed and cross-Dolby dubbing • Relay record and playback • Dolby B/C NR • Dolby HX Pro • Super bias • Random program play • Remaining time display • 44-key wireless remote control
- Wow & flutter (WRMS): 0.05% • Frequency response (metal): 20–20,000 Hz, ± 3 dB • S/N (Dolby C): 74 dB • 435 x 132 x 305 mm (W x H x D) • 7.0 kg



KX-W500U *RS*

- Double deck auto reverse
- Full auto dubbing • Two-speed one-touch dubbing
- Relay play • Hard permalloy R/P heads • Dolby B/C NR • Rec return • Auto rec mute • Music search • Wow & flutter (WRMS): 0.08 %
- Frequency response (metal): 20–16,000 Hz, ± 3 dB • S/N (Dolby C): 74 dB • 435 x 112 x 271.5 mm (W x H x D) • 5.0 kg



KX-W302U *RS*

- Double deck auto reverse
- Amorphous R/P heads • Dolby B/C NR • Dolby HX Pro • Two-speed dubbing
- Relay play • Rec return • Auto rec mute • Auto tape selector • Music search • MPX filter switch
- Timer rec/play • Wow & flutter (WRMS): 0.08% • Frequency response (metal): 20–20,000 Hz, ± 3 dB • S/N (Dolby C): 74 dB
- 435 x 112 x 272 mm (W x H x D) • 4.7 kg



KX-W202U *RS*

- Double cassette deck
- Hard permalloy R/P heads • Dolby B/C NR • Two-speed dubbing • Relay play • Rec return • Auto rec mute • Auto tape selector • Music search • MPX filter switch • Timer rec/play • Wow & flutter (WRMS): 0.08% • Frequency response (metal): 20–18,000 Hz, ± 3 dB • S/N (Dolby C): 74 dB • 435 x 112 x 272 mm (W x H x D) • 4.5 kg



TURNTABLES

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
- Heavy acrylic dust cover
- Disc clamber
- MC cartridge supplied
- $\pm 6\%$ pitch control
- S/N ratio: 80 dB
- Wow & flutter: 0.028 %
- 473x154x376 mm (WxHxD)
- 13 kg



TT-500U *ERS*

- Straight tonearm design
- FG servo direct drive
- Fully automatic operation
- Resonance-absorbing turntable mat
- Disc clamber/EP adaptor
- Sleek, low-profile design
- S/N ratio: 78 dB
- Wow & flutter (WRMS): 0.03 %
- 435x110x375 mm (WxHxD)
- 4.6 kg



TT-400U *ERS*

- Straight tonearm design
- Belt drive
- Fully automatic operation
- Resonance-absorbing turntable mat
- Disc clamber/EP adaptor
- Sleek, low-profile design
- S/N ratio: 70 dB
- Wow & flutter (WRMS): 0.045 %
- 435x110x375 mm (WxHxD)
- 4.0 kg



TT-300U

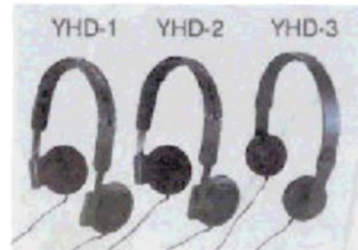
- Straight tonearm design
- Belt drive
- Semi-automatic operation
- Resonance-absorbing turntable mat
- EP adaptor
- MM cartridge supplied
- Sleek, low profile design
- S/N ratio: 70 dB
- Wow & flutter (WRMS): 0.045 %
- 435x105x375 mm (WxHxD)
- 3.8 kg



For details please contact:

HEADPHONES

YHD-1•2•3



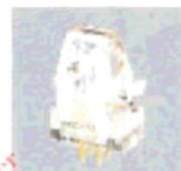
- Orthodynamic design
- Adjustable 2-piece headband for maximum listening comfort
- Exclusive design by Mario Bellini
- Mini-plug with phone plug adaptor included for full compatibility
- Output sound pressure level: 100 dB/W/m (YHD-1): 97 dB/W/m (YHD-2,3)
- 145 g (YHD-1): 133 g (YHD-2): 120 g (YHD-3)

MC CARTRIDGES



MC-501

- Cross-matrix moving coil system
- Aluminum tapered tubular cantilever
- Original low temperature dependency damper
- Sendust core
- 3.4 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



The *ERS* symbol indicates Yamaha *ERS* integrated system remote control compatible components.

Product designs and specifications subject to change without notice.

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

YAMAHA

YAMAHA CANADA MUSIC LTD.
ELECTRONICS DIVISION
135 Milner Avenue Scarborough,
ONTARIO M1S 3R1 Tel: (416) 298-1311