

 PIONEER®

*Stereo  
Component*





## STEREO RECEIVERS



### SX-1250

AM/FM STEREO RECEIVER

Continuous power output of 160 watts\* per channel, min. RMS at 8 ohms or 200 watts\* per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.1% total harmonic distortion. FM Sensitivity (IHF): Mono; 8.7dBf (1.5 $\mu$ V) FM Capture Ratio: 1.0dB FM Alternate Channel Selectivity: 83dB FM S/N Ratio (at 65dBf): 80dB (mono), 74dB (stereo) Input: 2 turntables, 2 tape decks, 1 auxiliary source, 2 microphones Output: 3 pairs of speaker systems, 1 set of headphones Dimensions: 21 $\frac{1}{8}$ "(W) $\times$ 7 $\frac{1}{2}$ "(H) $\times$ 18 $\frac{1}{2}$ "(D) Weight: 64lb. 4oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



### SX-1050

AM/FM STEREO RECEIVER

Continuous power output of 120 watts\* per channel, min. RMS at 8 ohms or 170 watts\* per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.1% total harmonic distortion. FM Sensitivity: Mono; 10.3dBf (1.8 $\mu$ V) FM Capture Ratio: 1.0dB FM Alternate Channel Selectivity: 80dB FM S/N Ratio (at 65dBf): 78dB (mono), 73dB (stereo) Input: 2 turntables, 2 tape decks, 1 auxiliary source, 2 microphones Output: 3 pairs of speaker systems, 1 set of headphones Dimensions: 20 $\frac{1}{4}$ "(W) $\times$ 6 $\frac{1}{8}$ "(H) $\times$ 17 $\frac{1}{2}$ "(D) Weight: 51lb. 8oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.

\*Measured pursuant to the Federal Trade Commission's Trade Regulation Rule on Power Output Claims for Amplifiers.



### SX-950 AM/FM STEREO RECEIVER

Continuous power output of 85 watts\* per channel, min. RMS at 8 ohms or 110 watts\* per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.1% total harmonic distortion. FM Sensitivity (IHF): Mono; 10.3dBf (1.8 $\mu$ V) FM S/N Ratio (at 65dBf): 72dB (mono), 67dB (stereo) Dimensions: 20 $\frac{3}{8}$ "(W) $\times$ 6 $\frac{1}{8}$ "(H) $\times$ 16 $\frac{3}{8}$ "(D) Weight: 42lb. 3oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



### SX-850 AM/FM STEREO RECEIVER

Continuous power output of 65 watts\* per channel, min. RMS at 8 ohms or 85 watts\* per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.1% total harmonic distortion. FM Sensitivity (IHF): Mono; 10.3dBf (1.8 $\mu$ V) FM S/N Ratio (at 65dBf): 72dB (mono), 67dB (stereo) Dimensions: 20 $\frac{3}{8}$ "(W) $\times$ 6 $\frac{1}{8}$ "(H) $\times$ 16 $\frac{3}{8}$ "(D) Weight: 42lb. 2oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



### SX-750 AM/FM STEREO RECEIVER

Continuous power output of 50 watts\* per channel, min. RMS at 8 ohms or 60 watts\* per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.1% total harmonic distortion. FM Sensitivity (IHF): Mono; 10.7dBf (1.9 $\mu$ V) FM S/N Ratio (at 65dBf): 72dB (mono), 67dB (stereo) Dimensions: 18 $\frac{2}{8}$ "(W) $\times$ 5 $\frac{1}{8}$ "(H) $\times$ 14 $\frac{1}{8}$ "(D) Weight: 30lb. 3oz.

\*Walnut grained vinyl top and side panels are used in the construction of this cabinet.



### SX-650 AM/FM STEREO RECEIVER

Continuous power output of 35 watts\* per channel, min. RMS at 8 ohms or 35 watts\* per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.3% total harmonic distortion. FM Sensitivity (IHF): Mono; 10.7dBf (1.9 $\mu$ V) FM S/N Ratio (at 65dBf): 70dB (mono), 65dB (stereo) Dimensions: 18 $\frac{2}{8}$ "(W) $\times$ 5 $\frac{1}{8}$ "(H) $\times$ 14 $\frac{1}{8}$ "(D) Weight: 28lb. 14oz.

\*Walnut grained vinyl top and side panels are used in the construction of this cabinet.



### SX-550 AM/FM STEREO RECEIVER

Continuous power output of 20 watts\* per channel, min. RMS at 8 ohms or 20 watts\* per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.3% total harmonic distortion. FM Sensitivity (IHF): Mono; 11.2dBf (2.0 $\mu$ V) FM S/N Ratio (at 65dBf): 70dB (mono), 65dB (stereo) Dimensions: 17 $\frac{1}{8}$ "(W) $\times$ 5 $\frac{1}{8}$ "(H) $\times$ 12 $\frac{3}{8}$ "(D) Weight: 20lb. 12oz.

\*Walnut grained vinyl metal top and walnut grained vinyl side panels are used in the construction of this cabinet.



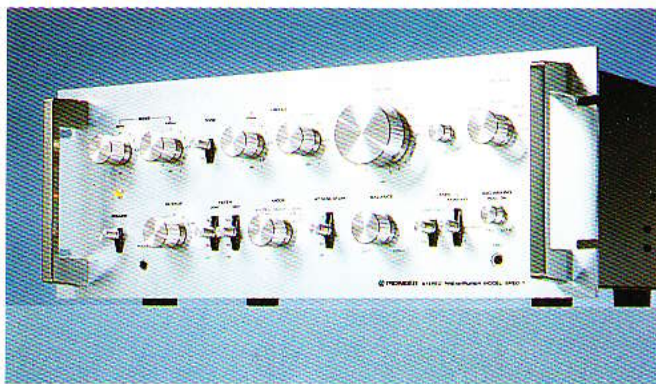
### SX-450 AM/FM STEREO RECEIVER

Continuous power output of 15 watts\* per channel, min. RMS at 8 ohms or 15 watts\* per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.5% total harmonic distortion. FM Sensitivity (IHF): Mono; 11.2dBf (2.0 $\mu$ V) FM S/N Ratio (at 65dBf): 70dB (mono), 65dB (stereo) Dimensions: 17 $\frac{1}{8}$ "(W) $\times$ 5 $\frac{1}{8}$ "(H) $\times$ 12 $\frac{3}{8}$ "(D) Weight: 18lb. 15oz.

\*Walnut grained vinyl metal top and walnut grained vinyl side panels are used in the construction of this cabinet.



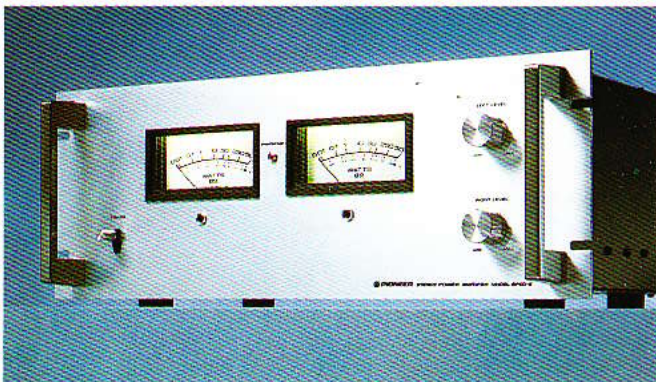
# STEREO AMPLIFIERS & TUNERS



## SPEC-1

### STEREO PREAMPLIFIER

**Circuitry:** Equalizer Amplifier; 3-stage direct-coupled class-A SEPP with first stage differential amplifier, Control Amplifier; 3-stage direct-coupled class-A SEPP with first stage differential amplifier **Input:** PHONO  $\times 2$ , TUNER  $\times 1$ , MIC  $\times 1$  (Mixing), AUX  $\times 2$ , TAPE  $\times 2$  **Total Harmonic Distortion (20–20,000Hz):** no more than 0.03% (output 2V), no more than 0.05% (output 7V) **Frequency Response:** PHONO (RIAA Equalization); 30–15,000Hz  $\pm 0.2$ dB, TUNER, AUX, TAPE PLAY 1, 2; 10–70,000Hz +0dB,  $-0.5$ dB **Dimensions:** 18 $\frac{7}{8}$ " (W)  $\times$  7 $\frac{1}{8}$ " (H)  $\times$  14 $\frac{1}{4}$ " (D) **Weight:** 24lb. 10oz.



## SPEC-2

### STEREO POWER AMPLIFIER

**Continuous power output of 250 watts\* per channel, min. RMS at 8 ohms from 20 hertz to 20,000 hertz with no more than 0.1% total harmonic distortion.**

**Circuitry:** Cascaded differential amplifier, push-pull drive, triple push-pull, direct-coupled OCL **Intermodulation Distortion:** no more than 0.1% (continuous rated power output) **Frequency Response:** 5–80,000Hz +0dB,  $-1$ dB **Damping Factor:** 50 (20–20,000Hz, 8 ohms) **Dimensions:** 18 $\frac{7}{8}$ " (W)  $\times$  7 $\frac{1}{8}$ " (H)  $\times$  17 $\frac{1}{8}$ " (D) **Weight:** 54lb.

\*Measured pursuant to the Federal Trade Commission's Trade Regulation Rule on Power Output Claims for Amplifiers



### SA-9900

\*Wooden case is optional.

#### STEREO INTEGRATED AMPLIFIER

**Continuous power output of 110 watts\* per channel, min. RMS at 8 ohms or 4 ohms from 20 hertz to 20,000 hertz with no more than 0.1% total harmonic distortion.**

**Dimensions:** 16 $\frac{1}{2}$ " (W)  $\times$  6 $\frac{1}{2}$ " (H)  $\times$  15 $\frac{1}{8}$ " (D) **Weight:** 44lb. 1 oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



### SA-9500II

\*Wooden case is optional.

#### STEREO INTEGRATED AMPLIFIER

**Continuous power output of 80 watts\* per channel, min. RMS at 8 ohms or 100 watts\* per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.1% total harmonic distortion.**

**Dimensions:** 16 $\frac{1}{2}$ " (W)  $\times$  5 $\frac{29}{32}$ " (H)  $\times$  14 $\frac{1}{16}$ " (D) **Weight:** 35lb. 4 oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



### SA-8500II

\*Wooden case is optional.

#### STEREO INTEGRATED AMPLIFIER

**Continuous power output of 60 watts\* per channel, min. RMS at 8 ohms or 75 watts\* per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.1% total harmonic distortion.**

**Dimensions:** 16 $\frac{1}{8}$ " (W)  $\times$  5 $\frac{29}{32}$ " (H)  $\times$  14 $\frac{1}{16}$ " (D) **Weight:** 30lb. 10oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



### SA-7500II

\*Wooden case is optional.

#### STEREO INTEGRATED AMPLIFIER

**Continuous power output of 45 watts\* per channel, min. RMS at 8 ohms or 50 watts\* per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.1% total harmonic distortion.**

**Dimensions:** 14 $\frac{3}{32}$ " (W)  $\times$  5 $\frac{1}{32}$ " (H)  $\times$  12 $\frac{1}{8}$ " (D) **Weight:** 20lb. 1 oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



### SA-6500II

\*Wooden case is optional.

#### STEREO INTEGRATED AMPLIFIER

**Continuous power output of 30 watts\* per channel, min. RMS at 8 ohms or at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.1% total harmonic distortion.**

**Dimensions:** 14 $\frac{3}{32}$ " (W)  $\times$  5 $\frac{1}{32}$ " (H)  $\times$  12 $\frac{1}{8}$ " (D) **Weight:** 16lb. 12 oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



### SA-5500II

\*Wooden case is optional.

#### STEREO INTEGRATED AMPLIFIER

**Continuous power output of 15 watts\* per channel, min. RMS at 8 ohms from 20 hertz to 20,000 hertz with no more than 0.5% total harmonic distortion.**

**Dimensions:** 14 $\frac{3}{32}$ " (W)  $\times$  4 $\frac{1}{8}$ " (H)  $\times$  10 $\frac{1}{32}$ " (D) **Weight:** 11lb. 7 oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.





## TX-9500II

\*Wooden case is optional.

### AM/FM STEREO TUNER

**FM Usable Sensitivity:** Mono; 8.8dBf (1.5 $\mu$ V) **FM 50dB Quiet- ing Sensitivity:** Mono; 13.2dBf (2.5 $\mu$ V), Stereo; 36.1dBf (35 $\mu$ V) **FM S/N Ratio (at 65dBf):** 82dB (mono), 77dB (stereo) **FM Capture Ratio:** 0.8dB (wide), 2.0dB (narrow) **FM Alternate Channel Selectivity:** 35dB (wide), 85dB (narrow) **Stereo Separation:** 50dB (1kHz, wide), 45dB (1kHz, narrow), 35dB (50–15,000Hz, wide), 30dB (50–15,000Hz, narrow) **AM Sensitivity:** 300 $\mu$ V/m (IHF, ferrite antenna), 15 $\mu$ V (IHF, ex- ternal antenna) **AM Selectivity:** 30dB **Dimensions:** 16 $\frac{1}{32}$ "(W) $\times$  5 $\frac{2}{32}$ "(H) $\times$  15 $\frac{1}{16}$ "(D) **Weight:** 20lb. 15oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



## TX-8500II

\*Wooden case is optional.

### AM/FM STEREO TUNER

**FM Usable Sensitivity:** Mono; 10.3dBf (1.8 $\mu$ V) **FM 50dB Quiet- ing Sensitivity:** Mono; 16.1dBf (3.5 $\mu$ V), Stereo; 37.2dBf (40 $\mu$ V) **FM S/N Ratio (at 65dBf):** 79dB (mono), 75dB (stereo) **FM Capture Ratio:** 0.8dB (wide), 2.0dB (narrow) **FM Alternate Channel Selectivity:** 35dB (wide), 80dB (narrow) **Stereo Separation:** 45dB (1kHz, wide), 45dB (1kHz, narrow), 35dB (50–15,000Hz, wide), 30dB (50–15,000Hz, narrow) **AM Sensitivity:** 300 $\mu$ V/m (IHF, ferrite antenna), 15 $\mu$ V (IHF, ex- ternal antenna) **AM Selectivity:** 30dB **Dimensions:** 16 $\frac{1}{32}$ "(W) $\times$  5 $\frac{2}{32}$ "(H) $\times$  15 $\frac{1}{16}$ "(D) **Weight:** 17lb. 14oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



## TX-6500II

\*Wooden case is optional.

### AM/FM STEREO TUNER

**FM Usable Sensitivity:** Mono; 10.7dBf (1.9 $\mu$ V) **FM S/N Ratio (at 65dBf):** 75dB (mono), 68dB (stereo) **FM Capture Ratio:** 1.0dB **FM Alternate Channel Selectivity:** 60dB **Stereo Sepa- ration:** 40dB (1kHz), 30dB (30–15,000Hz) **Dimensions:** 14 $\frac{3}{32}$ "(W) $\times$  5 $\frac{1}{32}$ "(H) $\times$  12 $\frac{1}{16}$ "(D) **Weight:** 12lb. 6oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



## TX-5500II

\*Wooden case is optional.

### AM/FM STEREO TUNER

**FM Usable Sensitivity:** Mono; 10.7dBf (1.9 $\mu$ V) **FM S/N Ratio (at 65dBf):** 72dB (mono), 68dB (stereo) **FM Capture Ratio:** 1.0dB **FM Alternate Channel Selectivity:** 60dB **Stereo Sepa- ration:** 35dB (1kHz), 30dB (30–15,000Hz) **Dimensions:** 14 $\frac{3}{32}$ "(W) $\times$  4 $\frac{1}{8}$ "(H) $\times$  10 $\frac{1}{32}$ "(D) **Weight:** 7lb. 11oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.

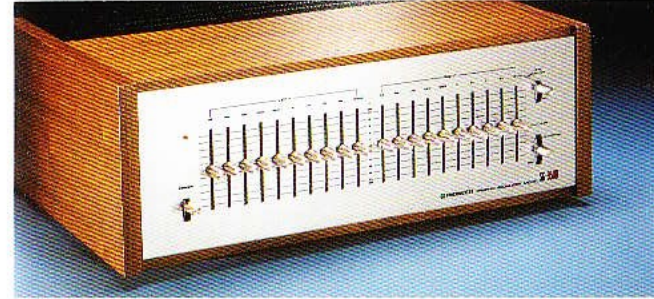


## SR-202W

### REVERBERATION AMPLIFIER

**Total Harmonic Distortion:** 0.2% (1kHz, min. reverb. time) **Frequency Response:** 20–35,000Hz  $\pm$ 2dB (min. reverb. time) **S/N Ratio:** 65dB **Reverberation Time:** 0–2.5 sec. (1kHz) **Dimensions:** 13 $\frac{1}{16}$ "(W) $\times$  5 $\frac{1}{2}$ "(H) $\times$  10 $\frac{1}{16}$ "(D) **Weight:** 10lb. 2oz.

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## SG-9500

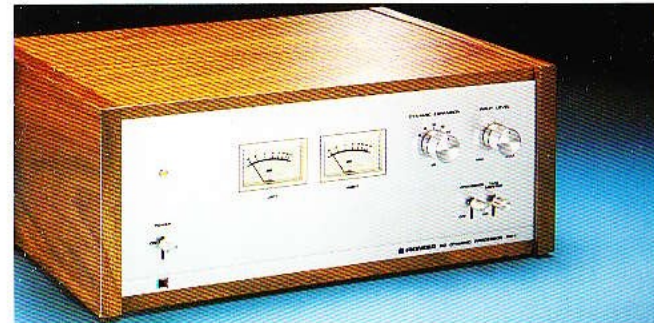
\*Wooden case is optional.

### STEREO GRAPHIC EQUALIZER

Unique stereo component for the "tailoring" of all music by crea- tion of an ideal sound field and accurate control of frequency response. Complements the sound personalities of stereo car- tridge, microphone, tape equipment and speakers, easily connects to existing components. Permits multiple reproduction and re- cording techniques.

**Dimensions:** 16 $\frac{1}{2}$ "(W) $\times$  5 $\frac{1}{8}$ "(H) $\times$  13 $\frac{7}{16}$ "(D) **Weight:** 15lb. 3oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



## RG-1

\*Wooden case is optional.

### DYNAMIC PROCESSOR

The RG-1 dynamic processor expands the music source and establishes a new level of dynamic realism in the reproduction of sound. The distortion of the dynamic of music can now be minimized. All BG noises can also be minimized.

**Dimensions:** 13 $\frac{25}{32}$ "(W) $\times$  5 $\frac{1}{32}$ "(H) $\times$  12 $\frac{19}{32}$ "(D) **Weight:** 11 lb. 11oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



## SF-850

\*Wooden case is optional.

### ELECTRONIC CROSSOVER NETWORK

Compact yet high-performance electronic crossover network for quality multi-amplifier sound system. 5-point crossover frequency selection for both low-mid and mid-high ranges. 3 switchable slope characteristics (6dB/oct., 12dB/oct. and 18dB/oct.) Ideal unit for enhancing the clarity and brilliance of your present hi-fi system.

**Dimensions:** 13 $\frac{25}{32}$ "(W) $\times$  5 $\frac{1}{32}$ "(H) $\times$  12 $\frac{19}{32}$ "(D) **Weight:** 12lb. 6oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



## STEREO TURNTABLES



### PL-570

#### QUARTZ PLL, FULL-AUTO DIRECT DRIVE TURNTABLE

**Drive System:** Quartz PLL direct-drive system **Motor:** Quartz PLL hall-motor **Speeds:** 33 $\frac{1}{3}$  and 45 rpm **Wow and Flutter:** No more than 0.025% (WRMS) **Signal-to-Noise Ratio:** More than 70dB (DIN B) **Tone Arm:** Static-balanced S-shaped pipe arm **Usable Cartridge Weight:** 4g (min.) to 13.5g (max.) **Dimensions:** 19 $\frac{3}{32}$ "(W) $\times$ 7 $\frac{1}{8}$ "(H) $\times$ 15 $\frac{1}{32}$ "(D) **Weight:** 29lb. 12 oz.

\*Walnut grained vinyl cabinet.



### PL-530

#### FULL-AUTO DIRECT DRIVE TURNTABLE

**Drive System:** Direct-drive system **Motors:** Brushless DC servo-controlled motor, Warren motor **Speeds:** 33 $\frac{1}{3}$  and 45 rpm **Wow and Flutter:** No more than 0.03% (WRMS) **Signal-to-Noise Ratio:** More than 70dB (DIN B) **Tone Arm:** Static-balanced S-shaped pipe arm **Usable Cartridge Weight:** 4g (min.) to 14.5g (max.) **Dimensions:** 18 $\frac{2}{32}$ "(W) $\times$ 6 $\frac{1}{16}$ "(H) $\times$ 15 $\frac{1}{32}$ "(D) **Weight:** 22lb. 1 oz.

\*Walnut grained vinyl cabinet.



### PL-117D

#### FULL-AUTO BELT DRIVE TURNTABLE

**Motor:** 4-pole synchronous motor **Speeds:** 33 $\frac{1}{3}$ , 45 rpm **Wow and Flutter:** 0.07% (WRMS) **Signal-to-Noise Ratio:** 63dB (DIN B) **Tone Arm:** Static-balance type S-shaped pipe arm **Usable Cartridge Weight:** 4g (min.) to 10g (max.) **Dimensions:** 17 $\frac{1}{16}$ "(W) $\times$ 6 $\frac{1}{4}$ "(H) $\times$ 14 $\frac{1}{4}$ "(D) **Weight:** 15lb. 6 oz.

\*Walnut grained vinyl cabinet.



### PL-550

#### QUARTZ PLL DIRECT DRIVE TURNTABLE

**Drive System:** Quartz PLL direct-drive system **Motor:** Quartz PLL hall-motor **Speeds:** 33 $\frac{1}{3}$  and 45 rpm **Wow and Flutter:** No more than 0.025% (WRMS) **Signal-to-Noise Ratio:** More than 70dB (DIN B) **Tone Arm:** Static-balanced S-shaped pipe arm **Usable Cartridge Weight:** 4g (min.) to 14.5g (max.) **Dimensions:** 19 $\frac{3}{32}$ "(W) $\times$ 7 $\frac{3}{32}$ "(H) $\times$ 15 $\frac{1}{32}$ "(D) **Weight:** 26lb. 7 oz.

\*Walnut grained vinyl cabinet.



### PL-510A

#### DIRECT DRIVE TURNTABLE

**Drive System:** Direct-drive system **Motor:** Brushless DC servo-controlled motor **Speeds:** 33 $\frac{1}{3}$  and 45 rpm **Wow and Flutter:** No more than 0.03% (WRMS) **Signal-to-Noise Ratio:** More than 68dB (DIN B) **Tone Arm:** Static-balanced S-shaped pipe arm **Usable Cartridge Weight:** 4g (min.) to 10g (max.) **Dimensions:** 17 $\frac{1}{16}$ "(W) $\times$ 6 $\frac{1}{4}$ "(H) $\times$ 14 $\frac{1}{4}$ "(D) **Weight:** 17lb. 10 oz.

\*Walnut grained vinyl cabinet.



### PL-115D

#### AUTO-RETURN BELT DRIVE TURNTABLE

**Motor:** 4-pole synchronous motor **Speeds:** 33 $\frac{1}{3}$ , 45 rpm **Wow and Flutter:** 0.07% (WRMS) **Signal-to-Noise Ratio:** 63dB (DIN B) **Tone Arm:** Static-balance type S-shaped pipe arm **Usable Cartridge Weight:** 4g (min.) to 10g (max.) **Dimensions:** 17 $\frac{1}{16}$ "(W) $\times$ 6 $\frac{1}{4}$ "(H) $\times$ 14 $\frac{1}{4}$ "(D) **Weight:** 17lb. 10 oz.

\*Walnut grained vinyl cabinet.



### PL-112D

#### BELT DRIVE TURNTABLE

**Motor:** 4-pole synchronous motor **Speeds:** 33 $\frac{1}{3}$ , 45 rpm **Wow and Flutter:** 0.07% (WRMS) **Signal-to-Noise Ratio:** 63dB (DIN B) **Tone Arm:** Static-balance type S-shaped pipe arm **Usable Cartridge Weight:** 4g (min.) to 10g (max.) **Dimensions:** 17 $\frac{1}{16}$ "(W) $\times$ 6 $\frac{1}{4}$ "(H) $\times$ 14 $\frac{1}{4}$ "(D) **Weight:** 13lb. 2 oz.

\*Walnut grained vinyl cabinet.



## 4-CHANNEL STEREO COMPONENTS



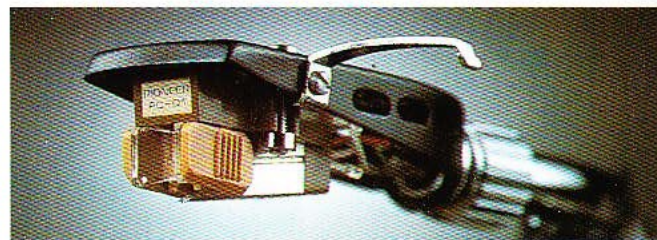
### QX-949A

#### 4-CHANNEL AM/FM STEREO RECEIVER

Continuous power output of 40 watts\* (4-channel), 60 watts\* (2-channel) per channel, min. RMS at 8 ohms and 50 watts\* (4-channel), 75 watts\* (2-channel) per channel at 4 ohms from 20 hertz to 20,000 hertz with no more than 0.3% total harmonic distortion.

FM Sensitivity (IHF): 1.8 $\mu$ V FM Alternate Channel Selectivity: 80dB FM S/N Ratio: 70dB Features: Built-in CD-4 demodulator, RM & SQ full logic decoders Dimensions: 21 $\frac{1}{2}$ "(W)×6 $\frac{1}{8}$ "(H)×17 $\frac{1}{16}$ "(D) Weight: 49lb. 6oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.



### PC-Q1

#### 4-CHANNEL PHONO CARTRIDGE

Pioneer's PC-Q1 cartridge was specially designed to reproduce CD-4 discrete discs. But it's ideal for stereo discs as well as SQ or RM discs. Its frequency response extends up to 50,000 hertz so that it can pick up the whole of the signal from CD-4 records and reproduce the four discrete channels accurately.

Frequency Response: 10–50,000Hz Channel Separation: More than 25dB (at 1KHz) Output Voltage: 2.0mV (1KHz, 50mm/sec.) Stylus: "parabolic" type with block diamond (PN-Q1) Recommended Stylus Pressure: 1–2.1g (CD-4: 1.8g) Weight: 5.5g.

\*Measured pursuant to the Federal Trade Commission's Trade Regulation Rule on Power Output Claims for Amplifiers.

## CASSETTE TAPE DECKS



### CT-F9191

#### FRONT-ACCESS STEREO CASSETTE DECK WITH DOLBY NOISE REDUCTION SYSTEM

Type: Compact cassette tape deck, 2-channel stereo/mono Motor: Electronically-controlled DC motor for capstan, DC torque motor Heads: "Ferrite Solid" recording/playback head ×1, Ferrite erasing head ×1 Wow & Flutter: 0.07% (WRMS) S/N Ratio: 63dB (Dolby on) Frequency Response: 20–17,000Hz (chrome tape) Total Harmonic Distortion: No more than 1.5% (0dB) Features: Automatic tape selector for CrO<sub>2</sub> tape, Wide scale level meter, Tape counter with required memory switch for starting point Dimensions: 17 $\frac{1}{2}$ "(W)×7 $\frac{1}{8}$ "(H)×12 $\frac{1}{16}$ "(D) Weight: 29lb.

\*Walnut veneered top and side panels are used in the construction of this cabinet.

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



### CT-F8282

#### FRONT-ACCESS STEREO CASSETTE DECK WITH DOLBY NOISE REDUCTION SYSTEM

Type: Compact cassette tape deck, 2-channel stereo/mono Motor: Electronically-controlled DC motor for capstan drive, DC torque motor Heads: "Ferrite Solid" recording/playback head ×1, Ferrite erasing head ×1 Wow & Flutter: 0.07% (WRMS) S/N Ratio: 63dB (Dolby on) Frequency Response: 20–17,000Hz (chrome tape) Total Harmonic Distortion: No more than 1.5% Features: 2-motor drive system, Tape selector (STD/FeCr/CrO<sub>2</sub>) Memory stop Dimensions: 17 $\frac{1}{2}$ "(W)×7 $\frac{1}{8}$ "(H)×13 $\frac{1}{16}$ "(D) Weight: 28lb. 3oz.

\*Walnut grained vinyl top and side panels and veneered bottom plate are used in the construction of this cabinet.



### CT-F7272

#### FRONT-ACCESS STEREO CASSETTE DECK WITH DOLBY NOISE REDUCTION SYSTEM

Type: Compact cassette tape deck, 2-channel stereo/mono Motor: Electronically-controlled DC motor Wow & Flutter: 0.07% (WRMS) S/N Ratio: 62dB (Dolby on) Frequency Response: 20–17,000Hz (chrome tape) Dimensions: 15 $\frac{7}{16}$ "(W)×6 $\frac{3}{16}$ "(H)×13 $\frac{1}{16}$ "(D) Weight: 20lb. 15oz.

\*Walnut grained vinyl top and side panels and veneered bottom plate are used in the construction of this cabinet.



### CT-F6262

#### FRONT-ACCESS STEREO CASSETTE DECK WITH DOLBY NOISE REDUCTION SYSTEM

Type: Compact cassette tape deck, 2-channel stereo/mono Motor: Electronically-controlled DC motor Wow & Flutter: 0.07% (WRMS) S/N Ratio: 62dB (Dolby on) Frequency Response: 20–16,000Hz (chrome tape) Dimensions: 16 $\frac{1}{4}$ "(W)×6 $\frac{1}{16}$ "(H)×12 $\frac{1}{16}$ "(D) Weight: 18lb. 8oz.

\*Walnut grained vinyl top and side panels and veneered bottom plate are used in the construction of this cabinet.



### CT-F2121

#### FRONT-ACCESS STEREO CASSETTE DECK WITH DOLBY NOISE REDUCTION SYSTEM

Type: Compact cassette tape deck, 2-channel stereo/mono Motor: Electronically-controlled DC motor Wow & Flutter: 0.07% (WRMS) S/N Ratio: 58dB (Dolby on) Frequency Response: 20–16,000Hz (chrome tape) Dimensions: 13 $\frac{3}{4}$ "(W)×5 $\frac{1}{8}$ "(H)×11 $\frac{1}{16}$ "(D) Weight: 14lb. 9oz.

\*Walnut veneered top and side panels are used in the construction of this cabinet.

\*Wooden case is optional.





### CT-5151

#### STEREO CASSETTE DECK WITH DOLBY NOISE REDUCTION SYSTEM

**Type:** Compact cassette tape deck, 2-channel stereo/mono  
**Motor:** Electronically-controlled DC motor **Wow & Flutter:** 0.12% (WRMS) **S/N Ratio:** 58dB (Dolby on) **Frequency Response:** 30—16,000Hz (chrome tape) **Dimensions:** 15 $\frac{1}{2}$ "(W)×3 $\frac{3}{4}$ "(H)×9 $\frac{1}{2}$ "(D) **Weight:** 10lb. 9oz.

\*Walnut grained vinyl front and side panels are used in the construction of this cabinet.



### CT-4141A

#### STEREO CASSETTE DECK WITH DOLBY NOISE REDUCTION SYSTEM

**Type:** Compact cassette tape deck, 2-channel stereo/mono  
**Motor:** Electronically-controlled DC motor **Wow & Flutter:** 0.13% (WRMS) **S/N Ratio:** 58dB (Dolby on) **Frequency Response:** 30—15,000Hz (chrome tape) **Dimensions:** 15 $\frac{1}{2}$ "(W)×3 $\frac{3}{4}$ "(H)×9 $\frac{1}{2}$ "(D) **Weight:** 10lb. 6oz.

\*Walnut grained vinyl side panels and leather-like vinyl front are used in the construction of this cabinet.



### MA-62

#### MIXING AMPLIFIER

Handy, portable-design six-channel mixing amplifier for recording enthusiasts. Handles up to six MICROPHONES or four LINES plus two PHONOS (one stereo turntable) **Dimensions:** 15 $\frac{1}{2}$ "(W)×5 $\frac{1}{16}$ "(H)×10 $\frac{1}{32}$ "(D) **Weight:** 12lb. 12oz.

\*Leather-like vinyl side panels are used in the construction of this cabinet.

### MICROPHONES



**CM-1:** Uni/Omni-Directional Condenser Microphone **CM-2S:** Unidirectional Stereo Condenser Microphone

## OPEN-REEL TAPE DECKS



RT-2044

RT-2022

\*Comes with only one reel.

## RT-2022/2044

#### RT-2022: 2-TRACK 2-CHANNEL TAPE DECK SYSTEM

#### RT-2044: 4-TRACK 4-CHANNEL TAPE DECK SYSTEM

**Drive System:** 3-motor capstan belt drive **Motors:** 4/8-pole hysteresis synchronous motor ×1 (capstan drive), 6-pole inner-rotor induction motor ×2 (reel drive) **Tape Speeds:** 15 ips, 7 $\frac{1}{2}$  ips (±0.8%) **Wow & Flutter:** No more than 0.04% (WRMS, at 15 ips) **S/N Ratio:** RT-2022; more than 57dB, RT-2044; more than 55dB **Total Harmonic Distortion:** No more than 0.8% (15 ips) **Frequency Response:** 30—28,000Hz ±3dB (15 ips), 40—20,000Hz ±3dB (7 $\frac{1}{2}$  ips) **Dimensions:** RTU-11/2T; 18 $\frac{1}{8}$ "(W)×16 $\frac{3}{16}$ "(H)×10 $\frac{1}{16}$ "(D), TAU-11; 18 $\frac{1}{8}$ "(W)×5 $\frac{5}{16}$ "(H)×10 $\frac{1}{16}$ "(D) **Weight:** RTU-11/2T; 51 lb. 4oz., TAU-11; 11lb. 5oz.

\*Leather-like vinyl side panels and front cover are used in the construction of this cabinet.



\*Comes with only one reel.

### RTU-11/2T

Tape Transport Mechanism with 2-Track, 2-Channel Head Unit



### TAU-11

2-Channel Amplifier Unit



### JT-2044T

4-Track, 4/2-Channel Head Assembly Unit



### JT-211

Remote Control Unit for RT-2022, RT-2044



### RT-1050

#### 2-TRACK 3-MOTOR 3-HEAD STEREO TAPE DECK

**Type:** 2-track stereo recording & playback, Solenoid control **Tape Speeds:** 15 ips, 7 $\frac{1}{2}$  ips **Wow & Flutter:** 0.04% WRMS (15 ips) **S/N Ratio:** 57dB **Frequency Response:** 30—22,000Hz ±3dB (15 ips) **Features:** 3-step bias selector, 4-step equalizer selector, plug-in 4-track head assembly available as option **Dimensions:** 18 $\frac{1}{2}$ "(W) × 17 $\frac{3}{32}$ "(H) × 9 $\frac{1}{32}$ "(D) **Weight:** 49lb. 10oz.

\*Comes with only one reel.

\*Leather-like vinyl side panels and front cover are used in the construction of this cabinet.



### RT-1020L

#### 3-MOTOR 3-HEAD STEREO TAPE DECK

**Type:** 4-track stereo recording & playback, 4-ch. playback, Solenoid control **Tape Speeds:** 7 $\frac{1}{2}$  ips, 3 $\frac{3}{4}$  ips **Wow & Flutter:** 0.08% WRMS (7 $\frac{1}{2}$  ips) **S/N Ratio:** 55dB **Frequency Response:** 40—20,000Hz ±3dB (7 $\frac{1}{2}$  ips) **Features:** 3-step bias selector, 2-step equalizer selector **Dimensions:** 17 $\frac{1}{8}$ "(W) × 16 $\frac{3}{32}$ "(H) × 8 $\frac{1}{16}$ "(D) **Weight:** 46lb. 5oz.

\*Comes with only one reel.

\*Walnut veneered side panels are used in the construction of this cabinet.



### RT-1011L

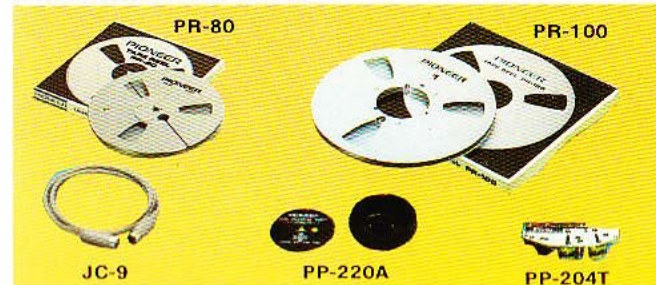
#### 3-MOTOR 3-HEAD STEREO TAPE DECK

**Type:** 4-track stereo recording & playback, Solenoid control **Tape Speeds:** 7 $\frac{1}{2}$  ips, 3 $\frac{3}{4}$  ips **Wow & Flutter:** 0.08% WRMS (7 $\frac{1}{2}$  ips) **S/N Ratio:** 55dB **Frequency Response:** 40—20,000Hz ±3dB (7 $\frac{1}{2}$  ips) **Features:** Bias selector, Equalizer selector **Dimensions:** 16 $\frac{3}{8}$ "(W) × 16 $\frac{3}{8}$ "(H) × 9"(D) **Weight:** 41 lb.

\*Comes with only one reel.

\*Walnut grained vinyl side panels are used in the construction of this cabinet.

## TAPE ACCESSORIES



**PP-204T:** Plug-in 4-Track Head Assembly for RT-1050 **PR-100:** 10 $\frac{1}{2}$ " Tape Reel **PR-80:** 7" Tape Reel **PP-220A:** 10 $\frac{1}{2}$ " Reel Adaptor **JC-9:** DIN Connector



## SPEAKER SYSTEMS



### HPM-200

#### 5-WAY 5-SPEAKER SYSTEM

**Enclosure:** Acoustic suspension dual isolated chamber  
**Speakers:** 10-inch carbon fiber blended cone woofer ×2, 2½-inch soft-dome midrange, High polymer molecular film tweeter, High polymer molecular film super-tweeter **Impedance:** 6 ohms **Frequency Range:** 25–25,000Hz **Sensitivity:** 89dB/W/M **Maximum Input Power:** 200W **Crossover Frequencies:** 100Hz, 700Hz, 2,000Hz, 5,000Hz **Dimensions:** 29"(W) × 32"(H) × 19"(D) **Weight:** 124 lb.

\*Walnut veneered cabinet with particleboard rear panel.



### HPM-100

#### 4-WAY 4-SPEAKER SYSTEM

**Enclosure:** Bass reflex type **Speakers:** 12-inch carbon fiber blended cone woofer, 4-inch cone midrange, 1¾-inch cone tweeter, High polymer molecular film super-tweeter **Impedance:** 8 ohms **Frequency Range:** 30–25,000Hz **Sensitivity:** 92.5dB/W/M **Maximum Input Power:** 100W **Crossover Frequencies:** 1,200Hz, 4,000Hz, 12,000Hz **Dimensions:** 15¾"(W) × 26¾"(H) × 15½"(D) **Weight:** 58 lb. 14 oz.

\*Walnut veneered cabinet with particleboard rear panel.



### HPM-60

#### 4-WAY 4-SPEAKER SYSTEM

**Enclosure:** Bass reflex type  
**Speakers:** 10-inch carbon fiber blended cone woofer, 3½-inch cone midrange, 1½-inch cone tweeter, High polymer molecular film super-tweeter **Impedance:** 8 ohms **Frequency Range:** 35–25,000Hz **Sensitivity:** 92.5dB/W/M **Maximum Input Power:** 60W **Crossover Frequencies:** 1,200Hz, 4,000Hz, 12,000Hz **Dimensions:** 13½"(W) × 24"(H) × 12½"(D) **Weight:** 38 lb. 8 oz.

\*Walnut grained vinyl cabinet with particleboard rear panel.



### HPM-40

#### 3-WAY 3-SPEAKER SYSTEM

**Enclosure:** Bass reflex type  
**Speakers:** 10-inch carbon fiber blended cone woofer, 1½-inch carbon fiber blended cone tweeter, High polymer molecular film super-tweeter **Impedance:** 8 ohms **Frequency Range:** 35–25,000Hz **Sensitivity:** 91dB/W/M **Maximum Input Power:** 40W **Crossover Frequencies:** 4,000Hz, 10,000Hz **Dimensions:** 12½"(W) × 22 ¼"(H) × 12½"(D) **Weight:** 28 lb. 10 oz.

\*Walnut grained vinyl cabinet with particleboard rear panel.



### CS-63DX

#### 4-WAY 6-SPEAKER SYSTEM

**Enclosure:** Infinite baffle type  
**Speakers:** 15-inch cone woofer, 5-inch cone midrange ×2, horn tweeter, horn supertweeter ×2 **Impedance:** 8 ohms **Frequency Range:** 20–22,000Hz **Sensitivity:** 99dB/W/M **Maximum Input Power:** 80W **Crossover Frequencies:** 770Hz, 3,300Hz, 12,000Hz **Dimensions:** 18¾"(W) × 28¾"(H) × 13¼"(D) **Weight:** 63 lb.

\*Walnut veneered cabinet and front grille with particleboard rear panel.



### CS-99A

#### 5-WAY 6-SPEAKER SYSTEM

**Enclosure:** Infinite baffle type  
**Speakers:** 15-inch cone woofer, 5-inch cone midrange, 4-inch cone midrange, multi-cellular horn tweeter, dome supertweeter ×2 **Impedance:** 8 ohms **Frequency Range:** 25–22,000Hz **Sensitivity:** 97dB/W/M **Maximum Input Power:** 100W **Crossover Frequencies:** 800Hz, 2,000Hz, 5,000Hz, 10,000Hz **Dimensions:** 16½"(W) × 24¼"(H) × 11½"(D) **Weight:** 51 lb. 11 oz.

\*Walnut veneered cabinet and front grille with particleboard rear panel.



### CS-700G

#### 3-WAY 3-SPEAKER SYSTEM

**Enclosure:** Infinite baffle type  
**Speakers:** 12-inch cone woofer, 4¾-inch cone midrange, multi-cellular horn tweeter **Impedance:** 8 ohms **Frequency Range:** 35–20,000Hz **Maximum Input Power:** 60W **Sensitivity:** 95dB/W/M **Crossover Frequencies:** 500Hz, 5,000Hz **Dimensions:** 15"(W) × 26"(H) × 12¾"(D) **Weight:** 40 lb. 13 oz.

\*Walnut grained vinyl cabinet and walnut veneered front grille with particleboard rear panel.



### CS-500G

#### 3-WAY 3-SPEAKER SYSTEM

**Enclosure:** Infinite baffle type  
**Speakers:** 10-inch cone woofer, 5-inch cone midrange, 3-inch cone tweeter **Impedance:** 8 ohms **Frequency Range:** 35–20,000Hz **Maximum Input Power:** 50W **Sensitivity:** 94dB/W/M **Crossover Frequencies:** 700Hz, 8,000Hz **Dimensions:** 12¾"(W) × 22½"(H) × 12¾"(D) **Weight:** 32 lb. 3 oz.

\*Walnut grained vinyl cabinet and walnut finished plastic front grille with particleboard rear panel.





### CS-66G

**3-WAY 3-SPEAKER SYSTEM**  
**Enclosure:** Infinite baffle type  
**Speakers:** 10-inch cone woofer, 6½-inch cone midrange, 3-inch cone tweeter **Impedance:** 8 ohms  
**Frequency Range:** 35—20,000Hz **Maximum Input Power:** 40W **Sensitivity:** 92.5dB/W/M **Crossover Frequencies:** 1,000Hz, 7,000Hz **Dimensions:** 12½"(W)×21½"(H)×11¾"(D) **Weight:** 26lb. 6oz.

\*Walnut grained vinyl cabinet and walnut finished plastic front grille with particleboard rear panel.



### PROJECT 100A

**3-WAY 3-SPEAKER SYSTEM**  
**Enclosure:** Bass-reflex type  
**Speakers:** 10-inch cone woofer, 2-inch soft dome midrange, 2-inch cone tweeter **Impedance:** 8 ohms  
**Frequency Range:** 40—20,000Hz **Sensitivity:** 91.5dB/W/M **Maximum Input Power:** 60W **Crossover Frequencies:** 700Hz, 6,000Hz **Dimensions:** 13"(W)×23"(H)×10½"(D) **Weight:** 30lb.

\*Walnut grained vinyl cabinet with particleboard rear panel.



### PROJECT 60A

**2-WAY 2-SPEAKER SYSTEM**  
**Enclosure:** Bass-reflex type  
**Speakers:** 8-inch cone woofer, cone tweeter **Impedance:** 8 ohms **Frequency Range:** 50—20,000Hz **Maximum Input Power:** 20W **Crossover Frequency:** 5,000Hz **Dimensions:** 10¾"(W)×18½"(H)×8½"(D) **Weight:** 12lb.

\*Walnut grained vinyl cabinet with particleboard rear panel.

## STEREO HEADPHONES



### SE-700

**HIGH MOLECULAR POLYMER STEREO HEADPHONES**  
**Static Capacity:** 0.1μF **Frequency Range:** 20—20,000Hz **Maximum Input Power:** more than 30V (each channel) **Features:** High molecular polymer film diaphragm **Connection Cord:** 9'10" **Weight:** 10oz. (without connection cord)

\*Leather-like vinyl head band and ear pads are used in the construction of these headphones.



### SE-500

**HIGH MOLECULAR POLYMER STEREO HEADPHONES**  
**Static Capacity:** 0.08μF **Frequency Range:** 20—20,000Hz **Maximum Input Power:** 30V (each channel) **Features:** High molecular polymer film diaphragm **Connection Cord:** 9'10" **Weight:** 11oz. (without connection cord)

\*Leather-like vinyl head band and ear pads are used in the construction of these headphones.



### MONITOR-10

**STEREO HEADPHONES**  
**Frequency Range:** 20—20,000Hz **Maximum Input Power:** more than 700mW (each channel) **Features:** Sliding type headband with the locking device. **Connection Cord:** 16'5" **Weight:** 1lb. 3oz. (without connection cord)

\*Leather-like vinyl ear pads are used in the construction of these headphones.



### SE-4

**OPEN-TYPE STEREO HEADPHONES**  
**Frequency Range:** 20—20,000Hz **Maximum Input Power:** 200mW (each channel) **Features:** Adjustable headband length **Connection Cord:** 9'10" **Weight:** 7.6oz. (without connection cord)

\*Leather-like vinyl head band and ear pads are used in the construction of these headphones.



### SE-505

**STEREO HEADPHONES**  
**Frequency Range:** 20—20,000Hz **Maximum Input Power:** 500mW (each channel) **Features:** 2-way dynamic type, Polyester film diaphragm **Connection Cord:** 16'5" **Weight:** 11lb. 8oz. (without connection cord)

\*Leather-like vinyl head band, ear pads and ear cups are used in the construction of these headphones.



### SE-405

**STEREO HEADPHONES**  
**Frequency Range:** 20—20,000Hz **Maximum Input Power:** 500mW (each channel) **Features:** Dynamic type, Polyester film diaphragm **Connection Cord:** 16'5" **Weight:** 1lb. 1oz. (without connection cord)

\*Leather-like vinyl head band, ear pads and ear cups are used in the construction of these headphones.



### SE-305

**STEREO HEADPHONES**  
**Frequency Range:** 20—20,000Hz **Maximum Input Power:** 500mW (each channel) **Features:** Dynamic type, Polyester film diaphragm **Connection Cord:** 16'5" **Weight:** 15oz. (without connection cord)

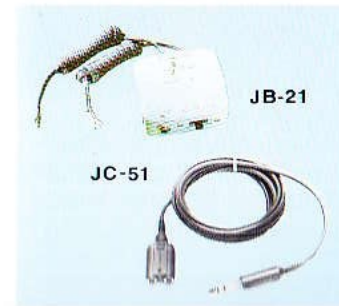
\*Leather-like vinyl head band, ear pads and ear cups are used in the construction of these headphones.



### SE-205

**STEREO HEADPHONES**  
**Frequency Range:** 20—20,000Hz **Maximum Input Power:** 500mW (each channel) **Features:** Dynamic type **Connection Cord:** 8'2" **Weight:** 15oz. (without connection cord)

\*Leather-like vinyl head band and ear pads are used in the construction of these headphones.



**JC-51**  
**Y-TYPE EXTENSION CORD**  
 Two-headphone capability when plugged into standard headphone jack.

**JB-21**  
**HEADPHONE JUNCTION BOX**  
 Ideal if you're lacking a headphone jack.



Loud and Proud

HIFI GOTEBORG.se a



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MUSIC

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SERVICE

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