

PIONEER®

STEREO COMPONENTS



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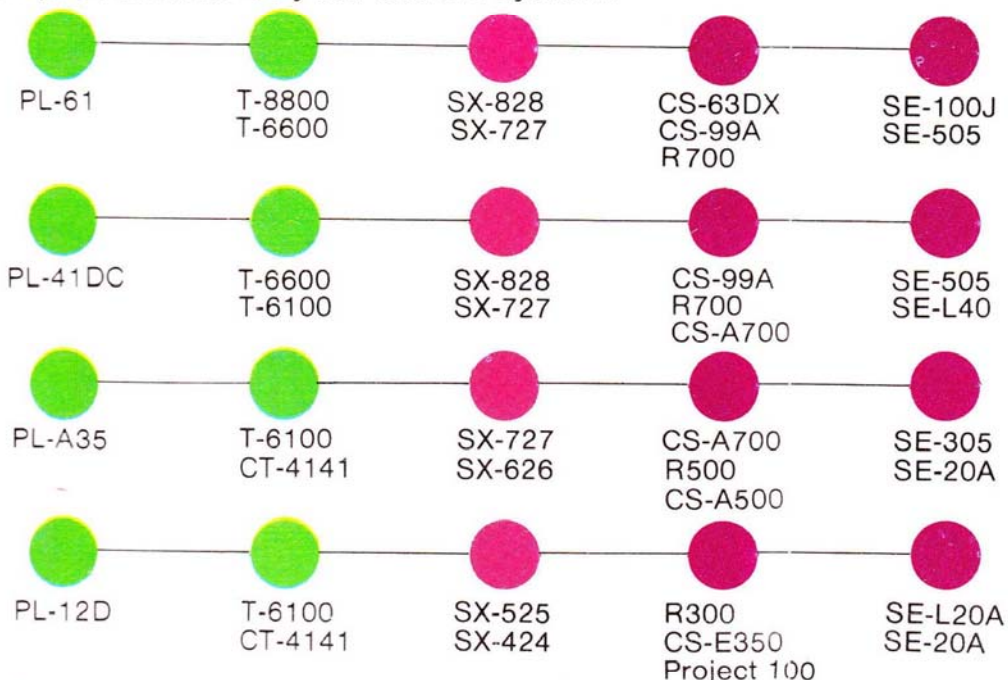
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60,000-KL(SB)-1-73 Printed in Japan

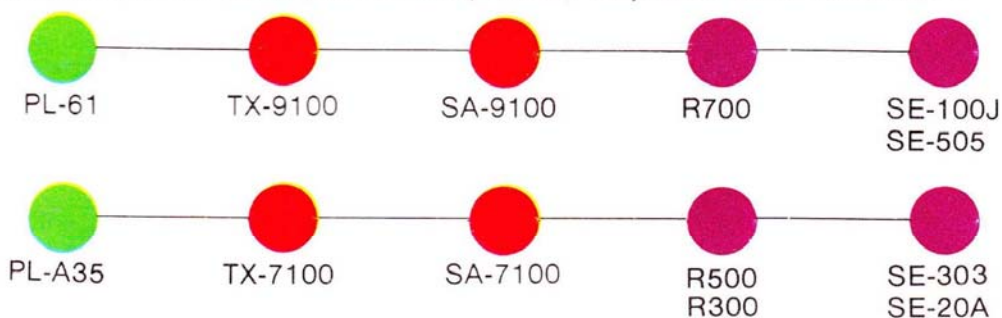
PIONEER STEREO SYSTEM COMBINATIONS

Pioneer turntables, receivers, speakers and headphones can be combined in many different ways.

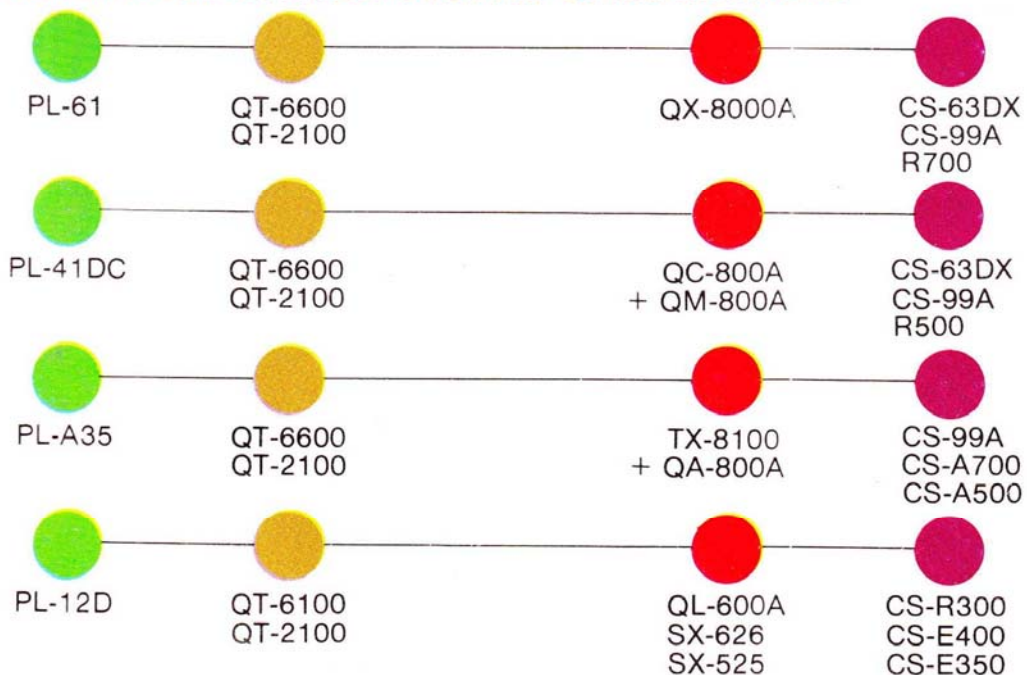
The combinations listed here are merely a few examples, but they should prove helpful guides in future improvements of your stereo system.



Combinations employing a tuner and an amplifier (preamplifier plus power amplifier) in place of a receiver.



4-CHANNEL STEREO SYSTEM COMBINATIONS



TURNTABLES

	Motor	Wow & Flutter	SN Ratio	Anti-skating Control & Cuing Device	Other Features
PL-61	Brushless DC servo Hall motor	Less than 0.05%	More than 55 dB	Provided	* Speed-adjustable device ($\pm 2\%$) * Stroboscope * Lateral-balance control * Horizontal-level meter
PL-41DC	8-pole hysteresis synchronous type	0.07%	More than 52 dB	Provided	* Lateral-balance control * Height-adjustable feet * Stylus-pressure direct reading * Free stop hinge
PL-A35	4-pole synchronous type	Less than 0.1%	More than 47 dB	Provided	* 2-motor system (gear motor & 4-pole synchronous motor) * Auto lead-in, cut, return and repeat play
PL-12D	4-pole synchronous type	Less than 0.1%	More than 47 dB	Provided	* Direct-reading counter weight * Stylus-position gauge * Lateral-balance control

(without cartridge)

TAPE DECKS

	Type	Track	Wow & Flutter	SN Ratio	Other Features
T-8800	Open reel	4-track, 2-channel	Less than 0.08% (7½ ips.)	More than 55 dB	* Easy tape-loading system * 2-motor drive system * Sound-on-sound
T-6600	Open reel	4-track, 2-channel	Less than 0.12% (7½ ips.)	More than 55 dB	* 0.5 second reverse * Easy tape-loading system * Auto reverse
T-6100	Open reel	4-track, 2-channel	Less than 0.12% (7½ ips.)	More than 55 dB	* 0.5 second reverse * Easy tape-loading system * Auto reverse
CT-4141	Cassette	4-track, 2-channel	Less than 0.13%	48 dB (std.) 58 dB (Dolby-on)	* Dolby noise-reduction system * Ferrite solid head * Tape selector * Memory rewind switch * Skip button * Electronic governor DC motor
CT-3131	Cassette	4-track, 2-channel	Less than 0.13%	48 dB (std.) 50 dB (chrome tape)	* Chrome tape selector * Permalloy solid head * Running pilot light * Noise-cut filter * Memory marker * Skip button



PL-61



PL-41DC



PL-A35



PL-12D



T-8800



T-6600



T-6100



CT-4141



CT-3131

4-CHANNEL STEREO COMPONENTS

Receivers

	Music Power Output (IHF)	Continuous Power Output	Harmonic Distortion	Power Bandwidth (IHF, 4 channels driven)	FM Sensitivity (IHF)	FM Selectivity (IHF)
QX-8000A	180W (4Ω)	22W × 4 (8Ω, 4 channels driven)	Less than 1% (cont. power output)	15 to 100,000 Hz (8Ω, H.D. less than 1%)	2.2 μV	More than 40 dB
QX-4000	108W (4Ω)	10W × 4 (8Ω, 4 channels driven)	Less than 1% (cont. power output)	15 to 20,000 Hz (8Ω, H.D. less than 1%)	2.2 μV	More than 40 dB

Amplifiers

	Music Power Output (IHF)	Continuous Power Output	Harmonic Distortion	Power Bandwidth (IHF, 4 channels driven)	Other Features
QA-800A	204W (4Ω)	20W × 4 (8Ω, 4 channels driven)	Less than 0.5% (cont. power output)	15 to 50,000 Hz (8Ω, H.D. less than 0.5%)	*Regular and SQ matrix decoder
QL-600A	44W (4Ω)	10W + 10W (8Ω, both channels driven)	Less than 0.5% (cont. power output)	20 to 30,000 Hz (8Ω, H.D. less than 0.5%)	*Regular and SQ matrix decoder

Power Amplifier

	Music Power Output (IHF)	Continuous Power Output	Harmonic Distortion	Power Bandwidth (IHF, 4 channels driven)
QM-800A	240W (4Ω)	30W × 4 (8Ω, 4 channels driven)	Less than 0.5% (cont. power output)	10 to 50,000 Hz (8Ω, H.D. less than 0.5%)

Preamplifier

	Harmonic Distortion	Output Voltage	Other Features
QC-800A	Less than 0.05% (rated output)	4V (max. output) 2.5V (rated output)	*Regular and SQ matrix decoder

SQ Decoder

	Harmonic Distortion	Input Sensitivity/Impedance (1 KHz)
QD-210	Less than 0.3% (front side, input 4V)	200 mV/240 KΩ

CD-4 Demodulator

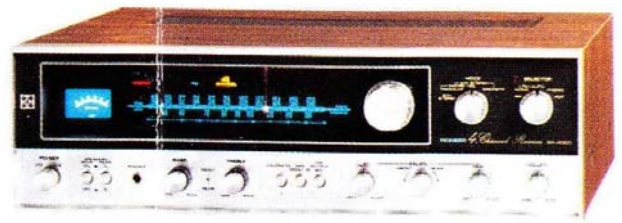
	Input Level	Output Level	Separation
QD-240	0.7 to 5.0 mV (1 KHz)	120 mV	Front to rear: 30 dB (1 KHz)

Tape Decks

	System	Tracks or Programs	Wow & Flutter	SN Ratio
QT-6600	4-channel recording & playback	4-track 4-channel 4-track 2-channel	Less than 0.12% (7½ ips.)	More than 55 dB
QT-2100	4-ch. 8-track cartridge playback, 2-ch. stereo playback auto-selection	4 programs for 2-channel 2 programs for 4-channel	Less than 0.2%	More than 48 dB



QX-8000A



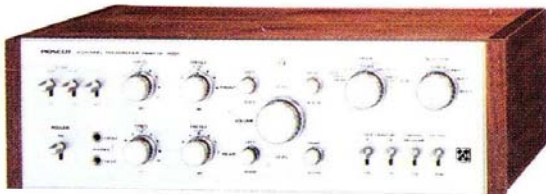
QX-4000



QA-800A



QM-800A



QC-800A



QL-600A



QD-210



QD-240



QT-6600



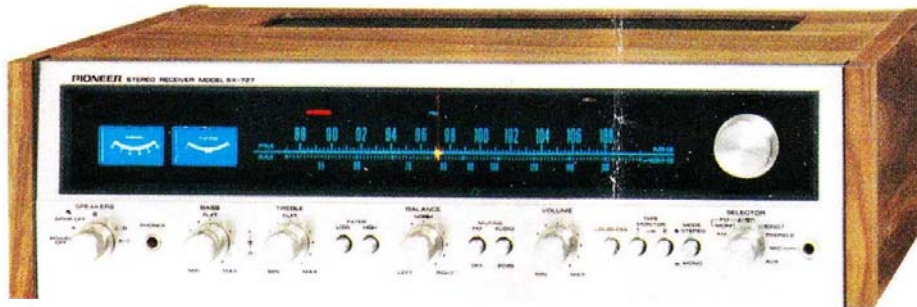
QT-2100

RECEIVERS

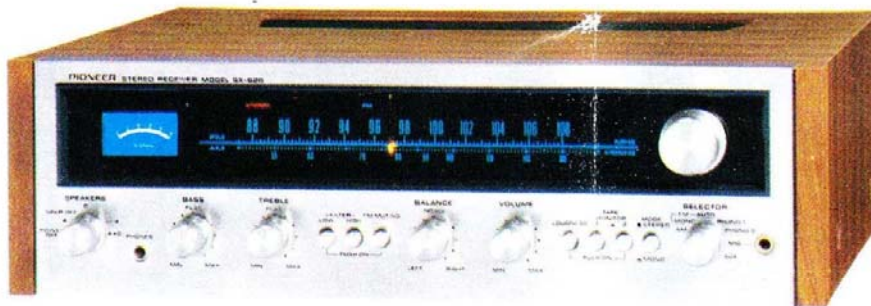
	Music Power Output (IHF)	Continuous Power Output	Power Bandwidth (IHF)	FM Sensitivity (IHF)
SX-828	270W (4 Ω)	60W + 60W (8 Ω , both channels driven)	10 to 60,000 Hz (8 Ω , H.D. less than 0.5%)	1.7 μ V
SX-727	195W (4 Ω)	40W + 40W (8 Ω , both channels driven)	10 to 60,000 Hz (8 Ω , H.D. less than 0.5%)	1.8 μ V
SX-626	110W (4 Ω)	27W + 27W (8 Ω , both channels driven)	10 to 70,000 Hz (8 Ω , H.D. less than 1%)	2.0 μ V
SX-525	72W (4 Ω)	17W + 17W (8 Ω , both channels driven)	10 to 45,000 Hz (8 Ω , H.D. less than 1%)	2.2 μ V
SX-424	50W (4 Ω)	12W + 12W (8 Ω , both channels driven)	20 to 45,000 Hz (8 Ω , H.D. less than 1%)	2.3 μ V



SX-828



SX-727



SX-626



SX-525



SX-424

AMPLIFIERS

	Continuous Power Output (20 to 20,000 Hz)	Harmonic Distortion	Power Bandwidth (IHF, 8 Ω, both channels driven)
SA-9100	60W + 60W (8 Ω, both channels driven)	Less than 0.1% (cont. power output)	5 to 40,000 Hz (H.D. 0.1%)
SA-8100	40W + 40W (8 Ω, both channels driven)	Less than 0.3% (cont. power output)	5 to 40,000 Hz (H.D. 0.3%)
SA-7100	20W + 20W (8 Ω, both channels driven)	Less than 0.5% (cont. power output)	5 to 70,000 Hz (H.D. 0.5%)
SA-5200	10W + 10W (8 Ω, both channels driven)	Less than 0.8% (cont. power output)	10 to 40,000 Hz (H.D. 0.8%)

TUNERS

	FM Sensitivity (IHF)	Capture Ratio (IHF)	FM Selectivity (IHF)	SN Ratio	Stereo Separation (1 KHz)
TX-9100	1.5 μV	1 dB	90 dB	75 dB	More than 40 dB
TX-8100	1.8 μV	1 dB	80 dB	70 dB	More than 40 dB
TX-7100	1.9 μV	1 dB	60 dB	70 dB	More than 40 dB
TX-6200	1.9 μV	1.5 dB	60 dB	70 dB	More than 40 dB

REVERBERATION AMPLIFIER

	Harmonic Distortion	Frequency Response	SN Ratio	Reverb. Time
SR-202W	Less than 0.2% (1 KHz, min. reverb. time)	20 to 35,000 Hz ±2 dB (min. reverb. time)	65 dB	0 to 2.5 sec. (1 KHz)

STEREO DISPLAY

	Cathode-Ray Tube	Audio Oscillator	Level Meter	Input Sensitivity	Observed Function of Cathode-Ray Tube
SD-1100	3" electrostatic type	20 to 20,000 Hz auto. sweep, manual sweep	Reference level: 0 dB, 20V	0, -10, -20, -30 dB	*4-ch. display, 2-ch. display *Wave form *FM multipath *AF sweep

EQUALIZER AMPLIFIER

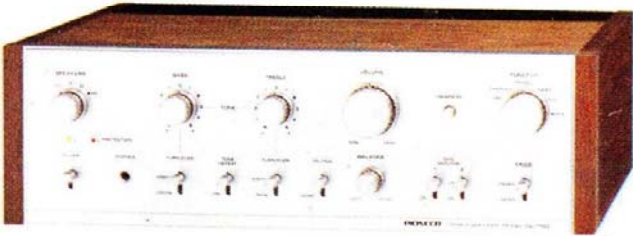
	Harmonic Distortion	Equalization	SN Ratio	Power Supply
STP-2	0.3% (200 mV output)	PHONO: RIAA, TAPE HEAD: NAB	60 dB	9V, battery



SA-9100



SA-8100



SA-7100



SA-5200



TX-9100



TX-8100



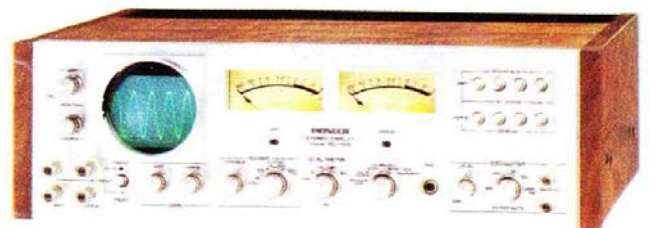
TX-7100



TX-6200



SR-202W



SD-1100



STP-2

SPEAKERS

	System	Speakers	Impedance	Frequency Range	Max. Input Power	Dimensions (W) × (H) × (D)
R700	3-way 3-speaker	*Woofers: 12" cone type *Mid-high range: horn type *Super tweeter: multicellular horn type	8Ω	35 to 20,000 Hz	75W	14 ³ / ₃₂ " × 26" × 13 ⁵ / ₁₆ "
R500	3-way 3-speaker	*Woofers: 10" cone type *Mid-range: 5" cone type *Tweeter: horn type	8Ω	35 to 20,000 Hz	60W	13 ² / ₃₂ " × 24 ¹ / ₃₂ " × 12 ¹ / ₁₆ "
R300	2-way 2-speaker	*Woofers: 10" cone type *Tweeter: horn type	8Ω	45 to 20,000 Hz	40W	13" × 22 ¹ / ₃₂ " × 10 ⁹ / ₁₆ "
CS-63DX	4-way 6-speaker	*Woofers: 15" cone type *Mid-range: 5" cone type × 2 *Tweeter: horn type *Super tweeter: horn type × 2	8Ω	20 to 22,000 Hz	80W	18 ⁷ / ₈ " × 28 ³ / ₈ " × 13 ¹ / ₁₆ "
CS-99A	5-way 6-speaker	*Woofers: 15" cone type *Mid-range: 5" cone type 4" cone type *Tweeter: multicellular horn type *Super tweeter: ½" dome type × 2	8Ω	25 to 22,000 Hz	100W	16 ¹ / ₂ " × 24 ¹ / ₁₆ " × 11 ¹ / ₃₂ "
CS-A700	3-way 3-speaker	*Woofers: 12" cone type *Mid-range: 4 ³ / ₄ " cone type *Tweeter: multicellular horn type	8Ω	35 to 20,000 Hz	60W	15" × 26" × 12 ³ / ₄ "
CS-A500	3-way 3-speaker	*Woofers: 10" cone type *Mid-range: 4 ³ / ₄ " cone type *Tweeter: 3" cone type	8Ω	40 to 20,000 Hz	50W	13" × 22 ⁷ / ₁₆ " × 12 ¹ / ₃₂ "
CS-66	3-way 3-speaker	*Woofers: 10" cone type *Mid-range: 6 ¹ / ₂ " cone type *Tweeter: 3" cone type	8Ω	35 to 20,000 Hz	40W	12 ³ / ₁₆ " × 22" × 11 ¹ / ₁₆ "
CS-E400	2-way 2-speaker	*Woofers: 8" cone type *Tweeter: dome type	8Ω	35 to 20,000 Hz	30W	11 ⁵ / ₈ " × 20 ³ / ₃₂ " × 7 ³ / ₃₂ "
CS-44	2-way 2-speaker	*Woofers: 8" cone type *Tweeter: 2 ¹ / ₂ " cone type	8Ω	35 to 20,000 Hz	25W	11 ¹ / ₈ " × 19 ⁵ / ₈ " × 9 ³ / ₄ "
CS-E350	2-way 2-speaker	*Woofers: 8" cone type *Tweeter: 3" cone type	8Ω	40 to 20,000 Hz	25W	10 ⁵ / ₈ " × 18 ¹ / ₂ " × 8 ¹ / ₄ "
PROJECT 100	2-way 2-speaker	*Woofers: 10" cone type *Mid-range tweeter: 1 ¹ / ₂ " hemispherical dome type	8Ω	30 to 20,000 Hz	35W	13" × 23" × 10 ¹ / ₂ "

HEADPHONES

	Matching Impedance	Max. Input Power (each channel)	Other Features
SE-100J	4 to 16Ω	10V (used with JB-100)	*Electrostatic type without DC power
SE-505	4 to 16Ω	2V	*Hermetic-sealing type *Volume-and-tone control *Polyester film diaphragm
SE-305	4 to 16Ω	2V	*Hermetic-sealing type *Polyester film diaphragm
SE-20A	4 to 16Ω	2V	*Hermetic-sealing type
SE-L40	4 to 16Ω	0.5V	*Open-air type *Polyester film diaphragm
SE-L20A	4 to 16Ω	0.5V	*Open-air type *Polyester film diaphragm



R700



R500



R300



CS-63DX



CS-99A



CS-A700



CS-A500



CS-66



CS-E400



CS-44



CS-E350



PROJECT100



SE-100J



SE-505



SE-305



SE-20A



SE-L40



SE-L20A



PP-101

DIN Code—
for complete
amplifier and
tape deck
connection.



JB-25

Y-Type
Extension
Cord
—two-head-
phone capabil-
ity when
plugged into
standard
headphone jack.



JB-21

Headphone
Junction Box—
ideal if you're
lacking a
headphone
jack.