

5.1-Channel Surround Sounds More Spectacular All Around

TS-D Series Speakers



TS-D691S [6" x 9" 2-Way Speaker]

350W MAX. DuPont™ KEVLAR®

- 6" x 9" (16 x 24cm) woofer/28mm dome tweeter
- Dual-layer KEVLAR® Brand Fiber* with Rigitite™ IMPP composite cone woofer
- Single conex damper
- Copper ring
- Extended pole yoke design
- Butyl rubber surround for smoother response
- Glass-imide voice coil bobbin
- Lightweight balanced dome tweeter with neodymium magnet
- Wave guides for dispersion control

- Rear chamber for lower crossover frequency
- Built-in crossover network: LPF; -12dB/oct. (for woofer)/HPF; -12dB/oct. (for tweeter)
- Newly-designed full-depth basket boasting much higher compressive strength and better damping
- Full-depth basket for rich bass response
- Top/bottom mount
- Nominal input: 80W

TS-D161S [16cm 2-Way Speaker]

260W MAX. DuPont™ KEVLAR®

- 16cm woofer/28mm dome tweeter
- Dual-layer KEVLAR® Brand Fiber with Rigitite™ IMPP composite cone woofer
- Single conex damper
- Copper ring
- Extended pole yoke design
- Butyl rubber surround for smoother response
- Glass-imide voice coil bobbin
- Lightweight balanced dome tweeter with neodymium magnet
- Wave guides for dispersion control

- Rear chamber for lower crossover frequency
- Built-in crossover network: LPF; -12dB/oct. (for woofer)/HPF; -12dB/oct. (for tweeter)
- Newly-designed full-depth basket boasting much higher compressive strength and better damping
- Full-depth basket for rich bass response
- Nominal input: 60W

* DuPont and/or DU PONT-TORAY CO., LTD. produce KEVLAR® brand fiber. DuPont™ and KEVLAR® are trademarks and registered trademarks of DuPont or its affiliates and are used under license by Pioneer.

Packaged Component Speaker Systems

TS-C160R [16cm Packaged Component Speaker System]

250W MAX.

VCCS™
Voice Coil Cooling System
DuPont™ KEVLAR®



- 16cm woofer/25mm soft-dome tweeter
- KEVLAR® Brand Fiber/pulp composite cone woofer
- Projected pole yoke design
- Butyl rubber surround for smoother response
- Glass-imide voice coil bobbin with copper film
- CCAW heat-resistant long voice coil
- Aluminum dust cap
- VCCS (Voice Coil Cooling System)
- Large-diameter conex damper
- Laminated polyester fiber soft-dome tweeter with neodymium magnet and magnetic fluid

- Flush swivel mounting cup
- Slant spacer
- Outboard screw-type crossover: LPF; -12dB/oct., HPF; -12dB/oct.
- Tweeter level control (0dB, -3dB)
- Heat-reactive poly-switch for tweeter protection
- Acoustically inert die-cast aluminum frame
- Gold-plated binding post
- Die-cast aluminum full-depth basket for rich bass response with removable GM tabs
- Nominal input: 60W

TS-C130R [13cm Packaged Component Speaker System]

180W MAX.

VCCS™
Voice Coil Cooling System
DuPont™ KEVLAR®



- 13cm woofer/25mm soft-dome tweeter
- KEVLAR® Brand Fiber/pulp composite cone woofer
- Projected pole yoke design
- Butyl rubber surround for smoother response
- Glass-imide voice coil bobbin with copper film
- Heat-resistant long voice coil
- Aluminum dust cap
- VCCS (Voice Coil Cooling System)
- Large-diameter conex damper
- Laminated polyester fiber soft-dome tweeter with neodymium magnet and magnetic fluid

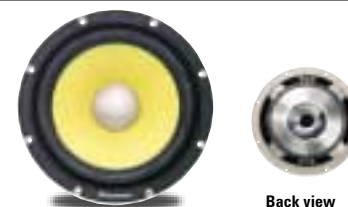
- Flush swivel mounting cup
- Slant spacer
- Outboard screw-type crossover: LPF; -12dB/oct., HPF; -12dB/oct.
- Tweeter level control (0dB, -3dB)
- Heat-reactive poly-switch for tweeter protection
- Acoustically inert die-cast aluminum frame
- Gold-plated binding post
- Die-cast aluminum basket
- Nominal input: 40W

PRS Subwoofer

TS-W12PRS [30cm (12") Component PRS Subwoofer]

1200W MAX.

VCCS™
Voice Coil Cooling System
DuPont™ KEVLAR®



Back view

- 30cm (12") enclosure use subwoofer
- KEVLAR® Brand Fiber/pulp composite cone with integrated VCCS (Voice Coil Cooling System)
- Dual-layer rolled urethane surround
- Dual Voice Coil (DVC) design (2 x 4Ω)
- 4-spoke aluminum die-cast basket
- Gold-plated binding posts
- Small enclosure capability
- Spoke grille compatible (UD-G306)
- Nominal input: 300W

A/V Center Speaker

TS-CX7 [A/V Center Speaker]

60W MAX.

DuPont™ KEVLAR®



- 5.7cm KEVLAR® Brand Fiber composite cone full-range speaker
- Center speaker for 5.1-ch. multi sound reproduction
- Butyl rubber surround
- Compact aerodynamic cabinet design
- Double neodymium magnet assembly with magnetically shielded circuit design
- Nominal input: 20W

Satellite Speaker

TS-STX99 [Satellite Speaker]

80W MAX.

DuPont™ KEVLAR®



- 5.7cm KEVLAR® Brand Fiber composite cone full-range speaker
- Butyl rubber surround for smoother response
- Large-diameter voice coil with neodymium magnet
- Nominal input: 20W

Component Enclosed Subwoofer

TS-WX22A [20cm Sealed Active Subwoofer]

150W MAX.*

* Output Power

INJECTION MOLDING CONE



Rear terminals

- Built-in MOSFET 150W Max. monaural amplifier
- 20cm IMPP composite cone woofer with strontium magnet
- Wired remote control (Input level, crossover frequency, phase)
- Speaker and RCA level inputs
- Built-in variable LPF (50 — 125Hz, -12dB/oct.)
- Aluminum die-cast heatsink
- Nominal output: 60W

Subwoofer

TS-SW124D [30cm (12") Shallow-Type Component Subwoofer]

1200W MAX.

INJECTION MOLDING CONE



- 30cm (12") enclosure use subwoofer
- Double cone construction using carbon fiber and aramid fiber composite IMPP cone
- Double cone reinforcement nodes
- 4" (10cm) total heights
- Aluminum die-cast bottom hold one-piece rigid chassis
- Damper-less, air suspension excursion control system (patent pending)
- 3-layer fiber woven radial surround
- Recommended enclosure: 17 — 28 liter / 0.6 — 1.0 cu. ft.
- Nominal input: 300W



Side view: Just 4" (10cm) deep in a small enclosure, this subwoofer drives an impressive 1,200 W maximum power.



TS-SW124D Subwoofer with optional UD-G306 Spoke Grille

Speaker Specifications & Thiele-Small Parameters*

	Size	Max. Input	Nominal Input	Frequency Response	Sensitivity	Impedance	Dimensions (W x H x D)	Mounting Depth	Cut-Out Dimensions
TS-D691S	6" x 9"	350W	80W	22Hz — 32,000Hz	91dB	4Ω	264 x 184 x 118mm	89mm	153 x 225mm
TS-D161S	16cm	260W	60W	27Hz — 32,000Hz	90dB	4Ω	ø171 x 83mm	59mm	ø128mm
TS-C160R	16cm	250W	60W	25Hz — 32,000Hz	90dB	4Ω	ø171 x 83.5 ¹⁾ / 42 x 38 x 41mm ²⁾	60.5 ¹⁾ / 19.6mm ³⁾	ø128 ¹⁾ / ø41mm ³⁾
TS-C130R	13cm	180W	40W	35Hz — 32,000Hz	90dB	4Ω	ø155 x 77.3 ¹⁾ / 42 x 38 x 41mm ²⁾	56.5 ¹⁾ / 19.6mm ³⁾	ø121 ¹⁾ / ø41mm ³⁾
TS-W12PRS	30cm	1,200W	300W	15Hz — 2,000Hz	92dB	2Ω or 8Ω	ø322 x 152mm	133mm	ø278mm
TS-CX7	5.7cm	60W	20W	140Hz — 30,000Hz	83dB	4Ω	120 x 92 x 41mm	—	—
TS-STX99	5.7cm	80W	20W	90Hz — 30,000Hz	83dB	4Ω	83 x 82 x 114mm	—	—
TS-WX22A	20cm	150W ⁴⁾	60W ⁵⁾	40Hz — 200Hz	101dB	—	250 x 265 x 110mm	—	—
TS-SW124D	30cm	1,200W	300W	18Hz — 1,000Hz	88dB	4Ω	ø329 x 101mm	83mm	ø278mm
TS-W305F*	30cm	800W	300W	20Hz — 2,000Hz	94dB	4Ω	ø327 x 165mm	146mm	ø278mm
TS-WX206A*	20cm	150W ⁴⁾	60W ⁵⁾	35Hz — 200Hz	107dB ⁶⁾	—	274 x 316 x 412mm	—	—

	TS-W305F*	TS-SW124D	TS-W12PRS
Recommended Enclosure	5.3 cu. ft.	0.8 cu. ft.	1.0 cu. ft.
Enclosure	150 liters	22.4 liters	28.3 liters
Revc (Ω)	3.0	3.3	1.8/7.2
Levc (mH)	0.841	2.920	0.4/1.61
Fs (Hz)	26.2	31.7	24
Zmax (Ω)	29.64	274.16	43.8/175
Qms	5.785	38.540	9
Qts	0.705	0.560	0.41
Qts	0.630	0.550	0.39
Vas (cu. ft)	4.572	0.991	3.3
(liters)	129.46	28.05	93
Rms (Ns/m)	2.858	1.072	2.3

	TS-W305F*	TS-SW124D	TS-W12PRS
Mms (g)	101.2	207.27	135
Cms (m/N)	3.7 x 10 ⁻⁴	1.2 x 10 ⁻⁴	3.15 x 10 ⁻⁴
BL (T·m)	8.69	17.040	9.73/19.46
Sd (sq. ft)	0.534	0.436	0.041
(sq. m)	4.96E-02	4.05E-02	0.0456
Hvc (inch)	1.260	1.071	1.56
(mm)	32	27	39.50
Hag (inch)	0.394	0.394	0.47
(mm)	10	10	12
Xmax (inch)	0.43	0.34	0.067
(mm)	11.0	8.6	1.69

* Parameter values for reference. * See page 28 and 29 for product details.

1) Woofer
2) Tweeter: Surface mount
3) Tweeter: Flush mount
4) Maximum output power
5) Nominal output power
6) In-car, at 65Hz

In-Car Surround Sound For Maximum Impact

Clearer Color Displays

TFT active matrix LCD color screens of Pioneer car monitors produce crystal-clear images. High-contrast AGLR coating makes the screens fingerprint-resistant. 16:9 screen aspect ratio suits DVD picture dimensions. Versatile installation positioning makes more system configurations possible. Install a monitor behind the front seat headrest for rear seat passengers to watch DVDs.

AVX-7650	AVD-W8000	AVR-W6100*
AVX-P7650TV	AVD-W6200	*Roof-mount type display
AVX-7300		
AVH-P6450		



AVX-7650
7" (16:9) Wide In-Dash Fully Motorized LCD Color Display



AVD-W6200
6.5" (16:9) Wide Color LCD Display

DVD Playback Beyond Compare

The all-in-one AVH-P7650DVD DVD player incorporates 50W x 5-channel MOSFET amplifier and decoders for DTS, Dolby Digital, Dolby Pro Logic II and Linear PCM for 5.1-channel surround sound. Or integrate the AVH-P5750DVD DVD player and AVG-VDP1 Vehicle Dynamics Processor into your car entertainment system for the optimal GPS navigation experience. Pioneer's leading A/V head units have touch panels for extra-easy operation.

AVH-P7650DVD	AVH-P6650DVD	AVH-P5750DVD	DVH-P5650MP
SDV-P7	XDV-P9-II*	AVX-P7650DVD	*Installation recommended in trunk space.



AVH-P7650DVD
7" (16:9) Wide Fully Motorized LCD Color Display with 5-Channel High-Power DVD/VCD/CD Receiver

Also, innovative Auto Time Alignment and Multi-channel Auto EQ technology automatically tailor the sound according to your car interior characteristics. This makes it so easy to set up professional-sounding results.

Digital Amps of Compact Power

Pioneer's Class-D power amplifiers redefine state-of-the-art power amplification, thanks to their high-efficiency input power processing, compact design, and dynamic, yet stable clarity of subwoofer and speaker output. The GM-D515 5-channel power amplifier is particularly ideal for simple-to-connect multi-channel surround systems.



PRD-D5000SPL
Class-D Mono Amplifier

GM-D515
Class-D 5-Channel Power Amplifier

Dynamic Linear Surround Sound Speakers

Pioneer's wide range of speakers suits every listening requirement. Easy to install and smartly designed for 5.1-channel surround, their KEVLAR® Brand Fiber composition particularly ensures a natural sound reproduction for better surround field. Their wide dynamic range ensures brilliant clarity across the spectrum of sound from a whisper to resounding bass.



TS-SW124D
30cm (12") Shallow-Type Component Subwoofer



TS-D691S
6" x 9" 2-Way Speaker

TS-D691S	TS-D161S	TS-C160R	TS-C130R
TS-W12PRS	TS-CX7	TS-STX99	TS-WX22A
TS-SW124D	TS-W305F	TS-W255F	TS-WX206A
TS-W306C	TS-W306DVC	TS-W256C	TS-W256DVC
TS-W3004SPL	TS-W2504SPL		

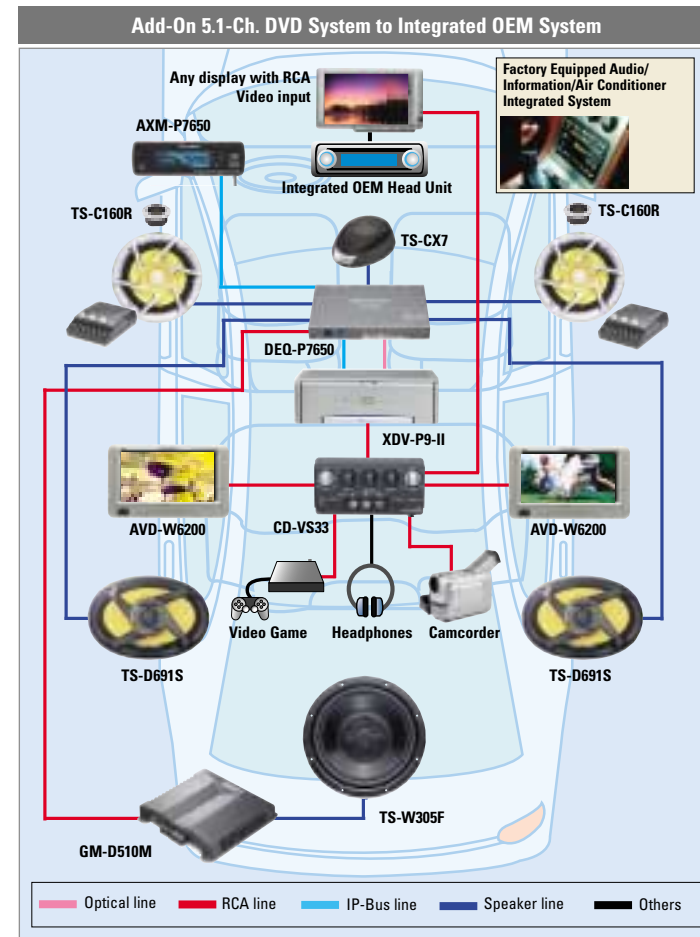
Expanding Sound By The Unit

The solution to achieve every sound has never been simpler, with Pioneer to open up your car entertainment system. The DEQ-P7650 Multi-Channel Processor lets you enjoy 5.1-channel surround sound from a dual DVD system of your creation, and the GEX-P5750TV(P) TV tuner lets you watch in the comfort of your cabin. You can even use the AXM-P7650 Multi-Channel Processor Controller to upgrade your car's pre-installed OEM system to 5.1-channel surround.

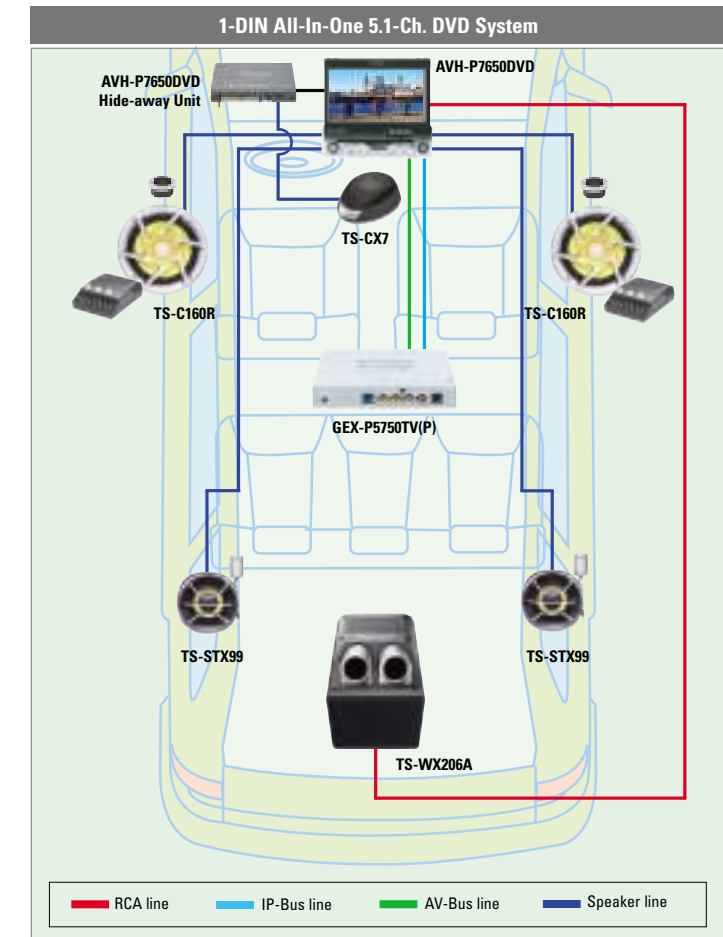
DEQ-P7650
Multi-Channel Processor

DEQ-P7650	AVM-P9000	GEX-P7000TV(P)
GEX-P5750TV(P)	GEX-6100TV(P)	CD-VS33
AXM-P7650		

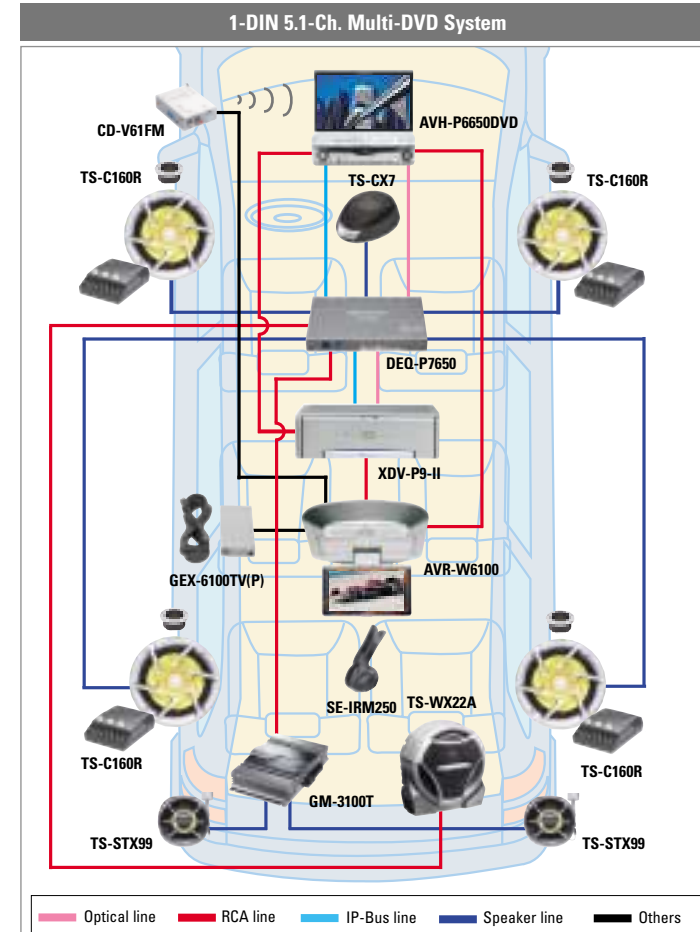
For Sedans



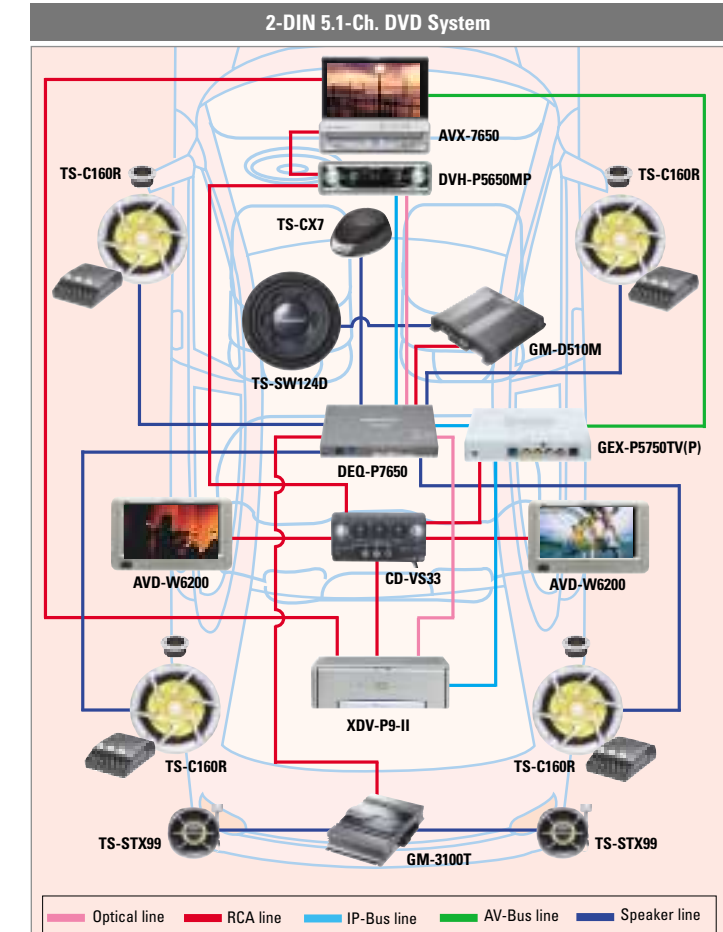
For Sport Station Wagons



For Minivans and Wagons



For SUV (Sport Utility Vehicle) and SUV-Style Cars



Remark: These connection configurations are only a few examples. Connection for your car may differ from that indicated in the diagram. Ask your nearest car stereo installer or dealer about installation details.

A/V Units

	AVH-P7650DVD	AVH-P6650DVD	DVH-P5650MP	AVX-P7650DVP	SDV-P7	XDV-P9-II	AVM-P9450
DISPLAY							
TFT active matrix LCD color screen (16:9 wide) (inch)	7	6.5	6.5			7	6.5
Sub-Display (10-character)	●	●	●	●	●	●	●
AGLR (Anti-Glare, Low-Reflection) coated LCD color screen	●	●	●	●	●	●	●
AG (Anti-Glare) coated LCD color screen	●	●	●	●	●	●	●
Picture/contrast adjustment	●	●	●	●	●	●	●
Auto dimmer control	●	●	●	●	●	●	●
Touch panel operation display	●	●	●	●	●	●	●
Video selector	●	●	●	●	●	●	●
Virtual GUI (Graphic User Interface)	●	●	●	●	●	●	●
On-screen display	●	●	●	●	●	●	●
GUI control with joystick remote control and on-screen display	●	●	●	●	●	●	●
5 wide screen modes (Just/Full/Cinema/Zoom/Normal)	●	●	●	●	●	●	●
Fully motorized unit with display angle adjustment	●	●	●	●	●	●	●
DVD PLAYER							
DVD-Audio playback	●	●	●	●	●	●	●
DVD-Video playback	●	●	●	●	●	●	●
DVD-R/RW (video format) playback	●	●	●	●	●	●	●
Linear PCM digital output	●	●	●	●	●	●	●
Linear PCM decoder	●	●	●	●	●	●	●
Dolby Pro Logic II decoder	●	●	●	●	●	●	●
Dolby Digital decoder	●	●	●	●	●	●	●
DTS digital output (B = built-in decoder)	B	●	●	●	●	●	●
MPEG 2/1 decoder	●	●	●	●	●	●	●
192kHz/24-bit DAC (for audio)	●	●	●	●	●	●	●
96kHz/24-bit DAC (for audio)	●	●	●	●	●	●	●
10-bit video DAC	●	●	●	●	●	●	●
Chapter/track/time direct search	●	●	●	●	●	●	●
Title/group direct search	●	●	●	●	●	●	●
Chapter/track repeat	●	●	●	●	●	●	●
Condition memory (30 discs)	●	●	●	●	●	●	●
Scan	●	●	●	●	●	●	●
Bookmark play/eject	●	●	●	●	●	●	●
DVD auto play	●	●	●	●	●	●	●
Audio L/R select (Linear PCM)	●	●	●	●	●	●	●
Digital direct	●	●	●	●	●	●	●
Playback control (VCD)	●	●	●	●	●	●	●
MULTI-CD CONTROL							
Scan (disc/track)	●	●	●	●	●	●	●
CD pause	●	●	●	●	●	●	●
Repeat (disc/track/ITS)	●	●	●	●	●	●	●
Random play (magazine/disc/ITS)	●	●	●	●	●	●	●
Disc title memory	●	●	●	●	●	●	●
CD Text ²⁾	●	●	●	●	●	●	●
Disc title list search	●	●	●	●	●	●	●
Digital compression ³⁾	●	●	●	●	●	●	●
Dynamic bass emphasis ³⁾	●	●	●	●	●	●	●
ITS (Instant Track Selection)	●	●	●	●	●	●	●
CD PLAYER							
CD-R/RW Playback	●	●	●	●	●	●	●
WMA (Windows Media™ Audio) playback with WMA Tag⁴⁾	●	●	●	●	●	●	●
MP3 playback with ID3 Tag⁴⁾	●	●	●	●	●	●	●
Folder/file/time direct search (CD-ROM)	●	●	●	●	●	●	●
1-bit D/A Converter with 8x oversampling digital filter	●	●	●	●	●	●	●
Track scan	●	●	●	●	●	●	●
CD pause	●	●	●	●	●	●	●
Repeat (disc/track)	●	●	●	●	●	●	●
Random play (disc)	●	●	●	●	●	●	●
Disc title memory	48	48	48	48	48	48	100
CD Text	●	●	●	●	●	●	●
Digital compression	●	●	●	●	●	●	●
Dynamic bass emphasis	●	●	●	●	●	●	●
TUNER							
Supertuner [®] IIIID	●	●	●	●	●	●	●
Supertuner [®] IIII™	●	●	●	●	●	●	●
BSM (Best Stations Memory)	●	●	●	●	●	●	●
Local seek tuning	●	●	●	●	●	●	●
24-station (18 FM/6 AM) presets	●	●	●	●	●	●	●
9k/10kHz AM channel spacing switch	●	●	●	●	●	●	●

A/V Displays

	AVR-W6100	AVD-W6200	AVD-W8000	AVX-Z300	AVX-Z650
DISPLAY					
TFT active matrix LCD color screen (16:9 wide) (inch)	7	7	7	8	6.5
AGLR (Anti-Glare, Low-Reflection) coated LCD color screen	●	●	●	●	●
AG (Anti-Glare) coated LCD color screen	●	●	●	●	●
Picture/contrast adjustment	●	●	●	●	●
Picture control (brightness/contrast/tint/reflection size)	●	●	●	●	●
Picture control (brightness/contrast/hue/color)	●	●	●	●	●
Auto dimmer control	●	●	●	●	●
Automatic display brightness and backlight adjustment	●	●	●	●	●
On-screen display (display control menu)	●	●	●	●	●
5 wide screen modes (Just/Full/Cinema/Zoom/Normal)	●	●	●	●	●
Fully motorized unit with display angle adjustment	●	●	●	●	●
Free display angle adjustment	●	●	●	●	●
GENERAL					
PAL/NTSC compatible	●	●	●	●	●
NTSC	●	●	●	●	●
Multi-CD control with Scan/Pause/Repeat/Random play/	●	●	●	●	●
Disc Title Memory/CD Text/Disc title list search/ITS	●	●	●	●	●
Wireless remote control	●	●	●	●	●
Joystick remote control	●	●	●	●	●

	AVH-P7650DVD	AVH-P6650DVD	DVH-P5650MP	AVX-P7650DVP	SDV-P7	XDV-P9-II	AVM-P9450
AUDIO							
High-Power output	●	●	●	●	●	●	●
MOSFET 50W x 5 (max.)	●	●	●	●	●	●	●
MOSFET 50W x 4 (max.)	●	●	●	●	●	●	●
Controlled by IP-Bus head unit	●	●	●	●	●	●	●
Gold-plated 6-channel RCA preouts	●	●	●	●	●	●	●
3 RCA preouts	●	●	●	●	●	●	●
Front+Rear+Subwoofer/Front+Rear+Non-fading (selectable)	●	●	●	●	●	●	●
Front+Rear+Subwoofer	●	●	●	●	●	●	●
2 RCA preouts	●	●	●	●	●	●	●
Front+Subwoofer/Front+Non-fading (selectable)	●	●	●	●	●	●	●
RCA preout	●	●	●	●	●	●	●
Subwoofer or Non-fading (selectable)	●	●	●	●	●	●	●
High-voltage preout (V)	5	4					4
Built-in DSP (Digital Signal Processor)	●	●	●	●	●	●	●
Preset equalizer	5	4					
Custom preset equalizer	4						
Multi-Channel Auto EQ	●	●	●	●	●	●	●
Digital listening position selector	●	●	●	●	●	●	●
Auto Time Alignment	●	●	●	●	●	●	●
2-way crossover (HPF/LPF)	●	●	●	●	●	●	●
EEQ							
Preset equalizer	5	5	5				
Custom preset equalizer	1	1	1				
3-band parametric equalizer	●	●	●	●	●	●	●
Digital listening position selector	●	●	●	●	●	●	●
SFEQ (Sound Focus Equalizer)	●	●	●	●	●	●	●
EQ-EX							
2-way crossover (HPF/LPF)	●	●	●	●	●	●	●
3-mode selectable loudness	●	●	●	●	●	●	●
Direct Sub Drive	●	●	●	●	●	●	●
Subwoofer control	●	●	●	●	●	●	●
Fader	●	●	●	●	●	●	●
Electronic volume/balance controls	●	●	●	●	●	●	●
Electronic bass/treble controls	●	●	●	●	●	●	●
SLA (Source level adjuster)	●	●	●	●	●	●	●
Spectrum analyzer	●	●	●	●	●	●	●
Level indicator	●	●	●	●	●	●	●
Cellular mute	●	●	●	●	●	●	●
GENERAL							
PAL/NTSC compatible (disc format)	●	●	●	●	●	●	●
PAL/NTSC compatible (display)	●	●	●	●	●	●	●
PAL/PAL-M/SECAM/NTSC compatible (display)	●	●	●	●	●	●	●
Rotary volume (P = Pop-up)	●	●	●	●	●	●	●
Joystick remote control	●	●	●	●	●	●	●
Stand-alone use with an optional remote sensor	●	●	●	●	●	●	●
Remote control sensor	●	●	●	●	●	●	●
Flap-type face	●	●	●	●	●	●	●
Pop-up grille face	●	●	●	●	●	●	●
Detachable Face Security™	●	●	●	●	●	●	●
Clock (E = Entertainment)	E	E					
Dot-matrix Organic EL display	●	●	●	●	●	●	●
Multicolor display	●	●	●	●	●	●	●
LCD display with LED backlight	●	●	●	●	●	●	●
Brightness adjustment	●	●	●	●	●	●	●
System control terminal	●	●	●	●	●	●	●
Dual-zone (two different sources) operation for front and rear	●	●	●	●	●	●	●
Source TV control	●	●	●	●	●	●	●
Source DVD control	●	●	●	●	●	●	●
Multi-channel processor control (DEQ-P7650)	●	●	●	●	●	●	●
iPod® adapter ready	●	●	●	●	●	●	●
External unit control via IP-Bus	2	2	2	2	2	2	2
AUX-In (with optional CD-RB20)	●	●	●	●	●	●	●
Automatic rear view monitoring in reverse gear ¹³⁾ (by camera ¹⁴⁾)	●	●	●	●	●	●	●
Gold-plated terminals¹⁵⁾	●	●	●	●	●	●	●
OFC cable¹⁶⁾	●	●	●	●	●	●	●

1) DVD-R only 2) Requires use of CD text-ready Multi-CD player 3) Requires use of digital compression and dynamic bass emphasis-ready Multi-CD player 4) With CD-ROM and CD-R/RW discs. 5) File direct search only 6) HPF only 7) 10-key direct access remote 8) DVD remote 9) Partial detachable face 10) With GEX-P5750TV(P) 11) Available for stand-alone use only 12) External unit control 13) Use input only for reverse or mirror image rear view camera. Other use may result in injury or damage. 14) Camera not included 15) 6-ch. RCA preouts and other RCA input/output terminals 16) 6-ch. RCA preouts and power cable

	AVR-W6100	AVD-W6200	AVD-W8000	AVX-Z300	AVX-Z650
GENERAL					
Remote control sensor	●	●	●	●	●
Pop-up grille face	●	●	●	●	●
Detachable Face Security™	●	●	●	●	●
Clock	●	●	●	●	●
Built-in TV tuner	●	●	●	●	●
24-station (12 TV1/12 TV2) presets by BSSM	●	●	●	●	●
Source DVD control	●	●	●	●	●
External unit control via IP-Bus	2	2	2	2	2
AUX-In (with optional CD-RB20)	●	●	●	●	●
Automatic rear view monitoring in reverse gear (by camera ³⁾)	●	●	●	●	●
Picture mode memory (for each source)	●	●	●	●	●
Infrared headphone transmitter	●	●	●	●	●
Dome lights	●	●	●	●	●
Two mini plug for wired headphone	●	●	●	●	●
Built-in speaker with volume control	●	●	●	●	●
Speaker (ø36mm)	●	●	●	●	●
Power supply in	●	●	●	●	●

1) Partial detachable face 2) Available for stand-alone use only 3) Camera not included

	DVH-P5650MP	SDV-P7	XDV-P9-II	AVH-P7650DVD	AVH-P6650DVD	AVH-P5750DVD	AVX-P7650DVD
DVD/VCD/CD Players							

WMA/MP3 Players

DEH-P9650MP [4-Channel High-Power WMA/MP3/CD Receiver]



Color Dot-Matrix OEL (Organic EL) display ● CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● WAV file playback* ● iPod® adapter ready ● BMX (Bitmetric Equalizer) ● Burr Brown D/A Converter ● PC-Link (OEL Screensaver Studio) ready ● Built-in DSP with Auto EQ, Auto time alignment, 3-way digital network and ASL (Auto Sound Levelizer) ● Motorized dual motion flap face ● Rotary volume ● High-voltage preout (6.5V) ● 3 RCA preouts: front + rear + subwoofer ● Level indicator ● Spectrum analyzer ● Supertuner® III/D ● Multi-CD control ● Multi-language display (English/Spanish/Portuguese)

* With CD-ROM and CD-R/RW discs.
 © BBE. Licensed by BBE Sound, Inc. under USP4638258 and 4482866. BBE and BBE symbol are registered trademarks of BBE Sound Inc.

CD-IB100 [iPod® Adapter]



● For use with Pioneer's iPod® adapter ready head units.

* iPod is for legal or rightholder-authorized copying only. Don't steal music. iPod is a trademark of Apple Computer, Inc., registered in the U.S. and other countries.

Ⓞ Depending on the Pioneer head unit installed, some functions may be limited using iPod® adapter.

DEH-P8650MP [4-Channel High-Power WMA/MP3/CD Receiver]



Color Dot-Matrix OEL (Organic EL) display ● CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● WAV file playback* ● iPod® adapter ready ● BMX (Bitmetric Equalizer) ● Burr Brown D/A Converter ● PC-Link (OEL Screensaver Studio) ready ● Built-in DSP with Auto EQ, Auto time alignment, 3-way digital network and ASL (Auto Sound Levelizer) ● Auto-slide face ● Rotary commander ● High-voltage preout (6.5V) ● 3 RCA preouts: front + rear + subwoofer ● Level indicator ● Spectrum analyzer ● Supertuner® III/D ● Multi-CD control

* With CD-ROM and CD-R/RW discs.

DEH-P6750MP [4-Channel High-Power WMA/MP3/CD Receiver]



Dot-matrix Organic EL display ● CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● WAV file playback* ● iPod® adapter ready ● BMX (Bitmetric Equalizer) ● EEQ with EQ-EX ● Pop-up rotary volume ● Direct Sub Drive ● 2 RCA preouts: selectable (front + subwoofer/front + non-fading) ● Level indicator ● Supertuner® III/D ● Multi-CD control

* With CD-ROM and CD-R/RW discs.

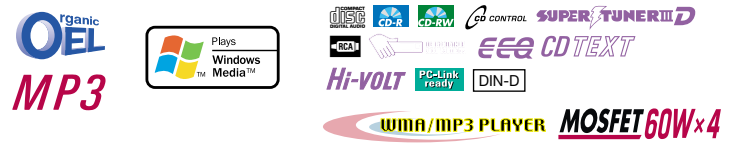
DEH-P7750MP [4-Channel High-Power WMA/MP3/CD Receiver]



Dot-matrix Organic EL display ● CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● iTunes® AAC** playback* ● WAV file playback* ● iPod® adapter ready ● BMX (Bitmetric Equalizer) ● EEQ with EQ-EX ● ASL (Auto Sound Levelizer) ● Rotary commander ● Direct Sub Drive ● 3 RCA preouts: selectable (front + rear + subwoofer/front + rear + non-fading) ● Level indicator ● Supertuner® III/D ● Multi-CD control

* With CD-ROM and CD-R/RW discs.
 ** iTunes and iPod are trademarks of Apple Computer, Inc., registered in the U.S. and other countries.
 *** AAC (Advanced Audio Coding) refers to an audio compression technology standard used with MPEG-4.

DEH-P1Y [4-Channel High-Power WMA/MP3/CD Receiver]



Built-in 60W* x 4-channel high-power MOSFET amplifier ● New blue color Dot-Matrix OEL (Organic EL) display ● CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag** ● MP3 playback with ID3 Tag** ● WAV file playback** ● iPod® adapter ready ● BMX (Bitmetric Equalizer) ● PC-Link (OEL Screensaver Studio) ready ● EEQ with SFEQ (Sound Focus Equalizer) and EQ-EX ● ASL (Auto Sound Levelizer) ● Auto-slide face ● Rotary commander ● High-voltage preout (6.5V) ● 3 RCA preouts: selectable (front + rear + subwoofer/front + rear + non-fading) ● Level indicator ● Supertuner® III/D ● Multi-CD control

* 60W x 4 max. power for CD playback; 40W x 4 for tuner and external input.
 ** With CD-ROM and CD-R/RW discs.

DEH-P5750MP [4-Channel High-Power WMA/MP3/CD Receiver]



CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● WAV file playback* ● iPod® adapter ready ● BMX (Bitmetric Equalizer) ● EEQ ● Pop-up rotary volume ● Direct Sub Drive ● 3 RCA preouts: selectable (front + rear + subwoofer/front + rear + non-fading) ● Level indicator ● Supertuner® III/D ● Multi-CD control

* With CD-ROM and CD-R/RW discs.

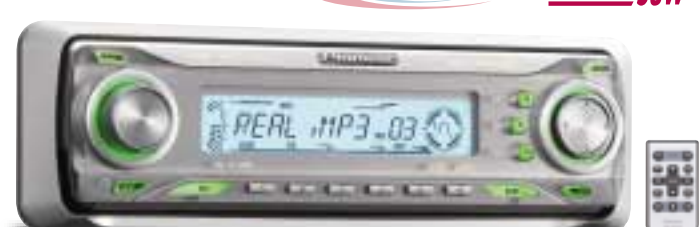
DEH-3750MP [4-Channel High-Power WMA/MP3/CD Receiver]



CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● WAV file playback* ● BMX (Bitmetric Equalizer) ● EEQ ● RCA preout: rear ● Supertuner® III/D

* With CD-ROM and CD-R/RW discs.

DEH-P4750MP [4-Channel High-Power WMA/MP3/CD Receiver]



CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● WAV file playback* ● iPod® adapter ready ● BMX (Bitmetric Equalizer) ● EEQ ● Pop-up rotary volume ● RCA preout: rear ● Supertuner® III/D ● Multi-CD control

* With CD-ROM and CD-R/RW discs.

DEH-2750MP [4-Channel High-Power WMA/MP3/CD Receiver]



CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● WAV file playback* ● BMX (Bitmetric Equalizer) ● BTB (Bass/Treble Booster) ● 2-mode selectable loudness ● RCA preout: rear ● Supertuner® III/D

* With CD-ROM and CD-R/RW discs.

Single-CD Players

DEH-2750 [4-Channel High-Power CD Receiver]



CD-R/RW playback ● EEQ ● RCA preout: rear ● Supertuner® III/D



Also available with white display and super red key illumination.

DEH-1750 [4-Channel High-Power CD Receiver]



CD-R/RW playback ● BTB (Bass/Treble Booster) ● 2-mode selectable loudness ● RCA preout: rear ● Supertuner® III/D

Accessories

DEQ-7600 Add-on Digital Signal Processor with Graphic Equalizer
 JD-12125 Multi-Disc Magazine for CDX-P1280 and CDX-FM1287
 JD-6125 Multi-Disc Magazine for CDX-P680 and CDX-FM687

JD-612V Multi-Disc Magazine for CDX-P680, CDX-FM687 and XDV-P9-II
 CD-IP150 Optional IP-Bus Extension Cable
 CD-RB20 RCA Bus Interconnector

CD-RB10 RCA Bus Interconnector
 CD-P75FM Universal Add-on FM Modulated Controller with Wireless Remote Controller
 RD-985 In-Line RCA Noise Suppressor

RD-984 Alternator Noise Suppressor
 RD-983 Alternator Noise Suppressor
 RD-SR520 High-Power Speaker Output to RCA Adapter

RD-SR510 Standard Power Speaker Output to RCA Adapter
 CD-HF1 Hands-Free Kit
 * Not available for CDMA system
 RD-223 Optional Wiring Kit

RD-221 Power Supply Wiring Kit
 CD-VC65 Voice Control Interface Unit (Optional)
 CD-R300 **NEW** Optional Remote Controller

2-DIN Players

FH-P9200MP [4-Channel High-Power WMA/MP3/CD/MD Receiver]



- Dot-matrix Organic EL display ● CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● iPod® adapter ready ● Built-in DSP with Auto EQ, Auto time alignment, 3-way digital network and ASL (Auto Sound Levelizer) ● MDLP with ATRAC 3 ● Auto-slide face ● Pop-up rotary volume ● 3 RCA preouts (front + rear + subwoofer) ● Level indicator ● Spectrum analyzer ● Supertuner® III D ● Multi-CD control

* With CD-ROM and CD-R/RW discs.

FH-P5000MP [4-Channel High-Power WMA/MP3/CD/Cassette Receiver]



- CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● WAV file playback* ● iPod® adapter ready ● BMX (Bitmetric Equalizer) ● Burr Brown D/A Converter ● Built-in DSP with Time alignment ● Auto-slide face ● Dolby B NR ● Color changeable illuminated bar (10 colors, plus Rainbow and Mirage modes) ● Rotary volume ● 2 RCA preouts: selectable (front + rear/front + subwoofer) ● Level indicator ● 7-band spectrum analyzer ● Supertuner® III D ● Multi-CD control

* With CD-ROM and CD-R/RW discs.

FH-P4200MP [4-Channel High-Power WMA/MP3/CD/Cassette Receiver]



- CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● iTunes® AAC playback* ● WAV file playback* ● iPod® adapter ready ● BMX (Bitmetric Equalizer) ● Digital direct ● Built-in DSP ● Dolby B NR ● RCA preout: selectable (subwoofer or non-fading) ● 5-band spectrum analyzer ● Level indicator ● Supertuner® III D ● Multi-CD control

* With CD-ROM and CD-R/RW discs.

FH-P8800 [4-Channel High-Power CD/Cassette Receiver]



- CD-R/RW playback ● WMA (Windows Media™ Audio) playback with WMA Tag* ● MP3 playback with ID3 Tag* ● WAV file playback* ● iPod® adapter ready ● BMX (Bitmetric Equalizer) ● Digital direct ● Built-in DSP ● Dolby B NR ● RCA preout: selectable (subwoofer or non-fading) ● 5-band spectrum analyzer ● Level indicator ● Supertuner® III D ● Multi-CD control

Cassette Players

KEH-P7035 [4-Channel High-Power Cassette Receiver]



- Dot-matrix Organic EL display ● iPod® adapter ready ● EEQ with SFEQ (Sound Focus Equalizer) ● ASL (Auto Sound Levelizer) ● Pop-up rotary volume ● Direct Sub Drive ● 3 RCA preouts: selectable (front + rear + subwoofer/front + rear + non-fading) ● Level indicator ● Supertuner® III D ● Multi-CD control

KEH-P6025 [4-Channel High-Power Cassette Receiver]



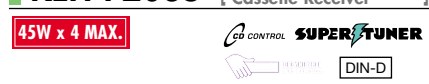
- iPod® adapter ready ● EEQ with SFEQ (Sound Focus Equalizer) ● Direct Sub Drive ● Pop-up rotary volume ● RCA preout: selectable (rear or subwoofer) ● Multi-CD control

KEH-P4025 [4-Channel High-Power Cassette Receiver]



- iPod® adapter ready ● EEQ ● Full-logic selectable loudness ● RCA preout (rear) ● Multi-CD control ● Optional remote controller available

KEH-P2035 [4-Channel High-Power Cassette Receiver]



- iPod® adapter ready ● BTB (Bass/Treble Booster) ● 2-mode selectable loudness ● RCA preout: rear ● Radio intercept ● Multi-CD control (pause and repeat)

KEH-1030SW [4-Channel High-Power Cassette Receiver]



- 24-station (12 FM/6 AM/6 SW) presets ● Tone control ● Auto loudness

◆ Limited distribution.

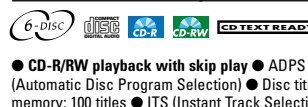
Multi-CD Players

CDX-P1280 [IP-Bus Multi-CD Player]



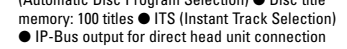
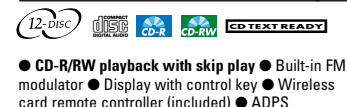
- CD-R/RW playback with skip play ● ADPS (Automatic Disc Program Selection) ● Disc title memory: 100 titles ● ITS (Instant Track Selection)

CDX-P680 [IP-Bus Multi-CD Player]



- CD-R/RW playback with skip play ● Built-in FM modulator ● Display with control key ● Wireless card remote controller (included) ● ADPS (Automatic Disc Program Selection) ● Disc title memory: 100 titles ● ITS (Instant Track Selection) ● IP-Bus output for direct head unit connection

CDX-FM1287 [FM-Modulated Multi-CD Player]



- CD-R/RW playback with skip play ● Built-in FM modulator ● Display with control key ● Wireless card remote controller (included) ● ADPS (Automatic Disc Program Selection) ● Disc title memory: 100 titles ● ITS (Instant Track Selection) ● IP-Bus output for direct head unit connection

CDX-FM687 [FM-Modulated Multi-CD Player]



- CD-R/RW playback with skip play ● Built-in FM modulator ● Display with control key ● Wireless card remote controller (included) ● ADPS (Automatic Disc Program Selection) ● Disc title memory: 100 titles ● ITS (Instant Track Selection) ● IP-Bus output for direct head unit connection

MD Players

MEH-P7350 [4-Channel High-Power MD Receiver]



- Dot-matrix Organic EL display ● iPod® adapter ready ● EEQ with SFEQ (Sound Focus Equalizer) ● ASL (Auto Sound Levelizer) ● MDLP with ATRAC 3 ● Pop-up rotary volume ● Direct Sub Drive ● High-voltage preout (4V) ● 2 RCA preouts: selectable (front + subwoofer/front + non-fading) ● 13-band spectrum analyzer ● Multi-CD control

MEH-P6550 [4-Channel High-Power MD Receiver]



- iPod® adapter ready ● Built-in DSP with ASL (Auto Sound Levelizer) ● MDLP with ATRAC 3 ● Pop-up rotary volume ● RCA preout: selectable (subwoofer or non-fading) ● Level indicator ● Supertuner® III D ● Multi-CD control

Power Amplifiers

GM-7100M [Mono Amplifier]



- 250W x 1 (4Ω)/360W x 1 (2Ω) (continuous power) ● 500W x 1 (4Ω)/800W x 1 (2Ω) (max. power) ● Variable LPF (40 — 240Hz, -12dB/oct.) ● High-voltage input level control (200mV — 6.5V) ● Low load impedance capability (2 — 8 ohm) ● Speaker level input (0.8V — 26V) ● Bass boost (50Hz, 0/+6/+12dB) ● PWM regulated power supply with MOSFET switching

GM-5100T [2-Channel Bridgeable Power Amplifier]



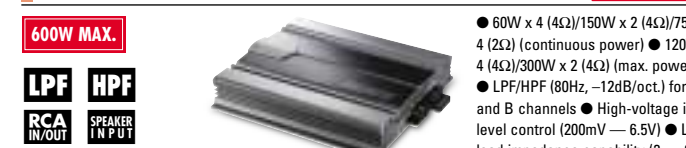
- 125W x 2 (4Ω)/380W x 1 (2Ω) (continuous power) ● 250W x 2 (4Ω)/760W x 1 (4Ω) (max. power) ● LPF (80Hz, -12dB/oct.) ● High-voltage input level control (200mV — 6.5V) ● Low load impedance capability (2 — 8 ohm) ● Speaker level input (0.8V — 26V) ● Bass boost (50Hz, 0/+6/+12dB) ● PWM regulated power supply with MOSFET switching

GM-3100T [2-Channel Bridgeable Power Amplifier]



- 60W x 2 (4Ω)/150W x 1 (4Ω)/75W x 2 (2Ω) (continuous power) ● 120W x 2 (4Ω)/300W x 1 (4Ω) (max. power) ● LPF (80Hz, -12dB/oct.) ● High-voltage input level control (200mV — 6.5V) ● Low load impedance capability (2 — 8 ohm) ● Speaker level input (0.8V — 26V)

GM-6100F [4-Channel Bridgeable Power Amplifier]



- 60W x 4 (4Ω)/150W x 2 (4Ω)/75W x 4 (2Ω) (continuous power) ● 120W x 4 (4Ω)/300W x 2 (4Ω) (max. power) ● LPF/HPF (80Hz, -12dB/oct.) for A and B channels ● High-voltage input level control (200mV — 6.5V) ● Low load impedance capability (2 — 8 ohm) ● Speaker level input (0.8V — 26V) ● PWM regulated power supply with MOSFET switching

GM-X944 [4-Channel Bridgeable Power Amplifier with Built-in Crossover]



- 75W x 4 (4Ω)/250W x 2 (4Ω) (continuous power) ● 150W x 4 (4Ω)/500W x 2 (4Ω) (max. power) ● Variable crossover frequencies for A and B channels: A-ch. (LPF-low/LPF-high/HPF-low/BPF), B-ch. (LPF-low/LPF-high/HPF-low/HPF-high), Low frequencies (40 — 120Hz, -12dB/oct.), High frequencies (3 — 9kHz, -12dB/oct.) ● High-voltage input level control (400mV — 6.5V) ● PWM regulated power supply with MOSFET switching ● High-efficiency MOSFET output section

GM-D510M [Class-D Mono Amplifier]



- 300W x 1 (4Ω)/500W x 1 (2Ω) (continuous power) ● 600W x 1 (4Ω)/1,000W x 1 (2Ω) (max. power) ● Variable LPF (40 — 240Hz, -24dB/oct.) ● High-voltage input level control (125mV — 6.5V) ● Bass level control (-22 — +12dB) ● Low load impedance capability (2 — 8 ohm) ● PWM regulated power supply with MOSFET switching ● High-efficiency MOSFET output section ● Aluminum die-cast heatsink

GM-D515 [Class-D 5-Channel Power Amplifier]



- A/B-channel: 50W x 4 (4Ω) (continuous power); 100W x 4 (4Ω) (max. power) ● Sub-channel: 150W x 1 (4Ω)/300W x 1 (2Ω) (continuous power); 300W x 1 (4Ω)/600W x 1 (2Ω) (max. power) ● Variable LPF/HPF (40 — 240Hz, -12dB/oct.) ● High-voltage input level control (200mV — 6.5V) (A/B-channel) ● High-voltage input level control (125mV — 6.5V) (Sub-channel) ● Bass level control (-22 — +12dB) (Sub-channel) ● Low load impedance capability (2 — 8 ohm) (Sub-channel) ● 2/4/6-channel RCA input capability ● PWM regulated power supply with MOSFET switching ● High-performance DMOSFET output section (A/B-channel) ● High-efficiency MOSFET output section (Sub-channel) ● Non-fading circuit ● Aluminum die-cast heatsink

Caution: To avoid damaging your amplifier/subwoofer system, please make sure that the continuous power output of the amplifier is lower than the nominal input power of the subwoofer.

Pure Component Systems

DEX-P90RS [Component CD Receiver]

NEW



- Dot-matrix Organic EL display ● CD-R/RW playback ● Source DVD control ● Multi 24-bit D/A Converters with 8x oversampling digital filter ● Rotary volume ● Auto-slide face ● High-voltage preout (4V) ● 3 gold-plated RCA preouts (front + rear + non-fading) ● Optical input/output ● External unit control via IP-Bus (2 units) ● AUX-In (with optional CD-RB20) ● High-quality hairline aluminum front panel ● Display off mode ● Multi-CD control

DEQ-P90 [Component Digital Signal Processor]

NEW



- Built-in DSP with Time Alignment ● 31-band L/R independent equalizer (±12dB/0.5dB steps) ● 4-way independent L/R crossover network (high/mid/low/subwoofer) ● High-voltage preout (4V) ● Optical input (with DEX-P90RS) ● Gold-plated 8-channel RCA output (high/mid/low/subwoofer) ● Gold-plated screw-type power/ground terminals

PRS-D5000SPL [Class-D Mono Amplifier]

NEW



- 750W x 1 (4Ω)/1,500W x 1 (2Ω) (continuous power) ● 1,500W x 1 (4Ω)/3,000W x 1 (2Ω) (max. power) ● Variable LPF (40 — 240Hz, -18/-24dB/oct.) ● High-voltage input level control (200mV — 6.5V) ● Input level/gain control ● Low load impedance capability (2 — 8 ohm) ● Gold-plated RCA sync control input and output terminals ● Gold-plated RCA input terminals ● Large block-type speaker terminals (8-gauge) ● Large block-type power/ground terminals (0-gauge) ● Variable bass boost (40 — 120Hz, 0 to +12dB) ● Subsonic filter (20Hz, -18dB/oct.) ● PWM regulated power supply with MOSFET switching ● High-performance balanced isolator circuit ● High-efficiency MOSFET output section ● MASS (Multiple Amplifier Synchronization System)

PRS-D3000SPL [Class-D Mono Amplifier]

NEW



- 500W x 1 (4Ω)/1,000W x 1 (2Ω) (continuous power) ● 1,000W x 1 (4Ω)/2,000W x 1 (2Ω) (max. power) ● Variable LPF (40 — 240Hz, -24dB/oct.) ● High-voltage input level control (200mV — 6.5V) ● Input level/gain control ● Low load impedance capability (2 — 8 ohm) ● Gold-plated RCA sync control input and output terminals ● Gold-plated RCA input terminals ● Large block-type power/ground terminals (4-gauge) ● Large screw-type speaker terminals ● Variable bass boost (40 — 120Hz, 0 to +12dB) ● Subsonic filter (20Hz, -18dB/oct.) ● PWM regulated power supply with MOSFET switching ● High-performance balanced isolator circuit ● High-efficiency MOSFET output section ● MASS (Multiple Amplifier Synchronization System)

PRS-A700 [4-Channel Bridgeable Power Amplifier]

NEW



- 50W x 4 (4Ω)/150W x 2 (4Ω)/75W x 4 (2Ω) (continuous power) ● 100W x 4 (4Ω)/300W x 2 (4Ω) (max. power) ● Bridgeable 2/3/4-channel capability ● Current feedback amplifier ● L/R independent power supply ● Variable LPF/HPF (40 — 120Hz, -12dB/oct.) for A and B channels ● High-voltage input level control (200mV — 6.5V) ● Input level/gain control (L/R independent) ● Low load impedance capability (2 — 8 ohm) ● Carved gold-plated RCA input terminals ● Gold-plated screw-type speaker terminals ● Gold-plated large screw-type power/ground terminals ● PWM regulated power supply with MOSFET switching ● High-performance balanced isolator circuit ● High-efficiency MOSFET output section

PRS-A500 [2-Channel Bridgeable Power Amplifier]

NEW



- 100W x 2 (4Ω)/300W x 1 (4Ω)/150W x 2 (2Ω) (continuous power) ● 200W x 2 (4Ω)/600W x 1 (4Ω) (max. power) ● Bridgeable 1/2/3-channel capability ● Current feedback amplifier ● L/R independent power supply ● Variable LPF/HPF (40 — 120Hz, -12dB/oct.) ● High-voltage input level control (200mV — 6.5V) ● Input level/gain control (L/R independent) ● Low load impedance capability (2 — 8 ohm) ● Carved gold-plated RCA input terminals ● Gold-plated screw-type speaker terminals ● Gold-plated large screw-type power/ground terminals ● PWM regulated power supply with MOSFET switching ● High-performance balanced isolator circuit ● High-efficiency MOSFET output section

TS-W01RS [25cm (10") Component Subwoofer]

300W MAX.

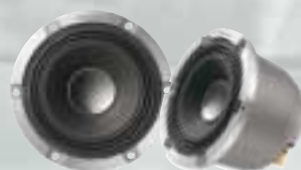


- 25cm cone woofer with integrated center cap ● Space-saving small-enclosure-type design (recommended enclosure: 14 — 28 liters) ● Biased thickness type butyl rubber surround ● Large-sized ø140mm voice coil with multiple neodymium magnets ● Shallow mounting aluminum die-cast basket ● Gold-plated large screw-type terminals ● Nominal input: 150W ● 20 — 3,000Hz, 86dB/W/m, ø276 x 94mm

TS-S01RS [7.7cm Component Mid-Bass Speaker]

NEW

50W*/60W MAX.**



TS-S01RS with back chamber

- 7.7cm cellulose cone mid-bass speaker ● DLC (Diamond Like Carbon) coated titanium center cap ● Zinc die-cast back basket ● Glass cloth voice coil bobbin ● Heat-resistant ribbon voice coil with neodymium magnet ● Gold-plated large screw-type terminals ● Nominal input: 15W ● 70 — 24,000Hz*/160 — 24,000Hz**, 86dB/W/m, ø90 x 42.5mm*/ø90 x 67mm**

* With speaker unit only
** With back chamber

TS-M01RS [17cm Component Mid-Bass Speaker]

120W MAX.



- 17cm cone mid-bass speaker ● Corrugation surround ● Copper ribbon short voice coil with neodymium magnet ● Bottom hold design zinc die-cast one-piece chassis ● Tungsten damper holder* with anti-resonance structure ● Gold-plated large screw-type terminals ● Use with UD-N01RS 2-Way Passive Crossover Network ● Nominal input: 50W ● 35 — 11,000Hz, 89dB/W/m, ø174 x 75mm

* Patent pending

TS-T01RS [3.5cm Component Tweeter]

120W MAX.



- 3.5cm tweeter with dual arc ring diaphragm* ● Lightweight aluminum voice coil with neodymium magnet ● Ion-plated titanium diaphragm ● Zinc die-cast frame ● Tungsten cone holder* with anti-resonance structure ● Aluminum die-cast mounting bracket included ● Gold-plated large screw-type terminals ● Use with UD-N01RS 2-Way Passive Crossover Network ● Nominal input: 50W ● 1,200 — 48,000Hz, 95dB/W/m, ø68 x 64mm

* Patent pending

UD-N01RS [2-Way Passive Crossover Network]

- Use with TS-M01RS and TS-T01RS



ODR (Optical Digital Reference) Systems

RS-D7R [Component CD Receiver]



◆ Limited distribution.

- Dot-matrix Organic EL display ● CD-R/RW playback ● High-quality CD drive ● Hi-bit conversion ● Digital direct ● Frequency change: 96kHz — 44.1kHz ● Rotary volume ● Auto-slide face ● IP-Bus input/output ● Digital optical input/output ● External unit control via IP-Bus (2 units) ● AUX-In (with optional CD-RB20) ● Source DVD control ● Supertuner III ● Multi-CD control ● OFC power/ground cable included ● OEL white color display ● Display OFF mode ● High-speed master clock

RS-A9 [Digital Integrated Amplifier]

DSP



◆ Limited distribution.

- 50W x 4 (4Ω)/75W x 4 (2Ω)/150W x 2 (4Ω) (continuous power) ● 100W x 4 (4Ω)/300W x 2 (4Ω) (max. power) ● Bridgeable 2/3/4-channel capability ● High-performance 32-bit floating binary point type DSP ● Current feedback type power amplifier ● Full balanced system (bridgeable connection) ● Built-in DSP (Digital Signal Processor) (FIR) with Time Alignment ● Multi 24-bit Burr Brown D/A converters ● 1 optical digital input ● 3 optical digital outputs (mid/low/subwoofer) ● IP-Bus input/output ● Gold-plated screw-type speaker terminals ● Gold-plated large screw-type power/ground terminals ● Low load impedance capability (2 — 8 ohm) ● Copper plated chassis ● L/R independent power supply ● Sound master clock ● DAC volume

RS-A7 [Digital Power Amplifier]



◆ Limited distribution.

- 50W x 4 (4Ω)/75W x 4 (2Ω)/150W x 2 (4Ω) (continuous power) ● 100W x 4 (4Ω)/300W x 2 (4Ω) (max. power) ● Bridgeable 2/3/4-channel capability ● Current feedback type power amplifier ● Full balanced system (bridgeable connection) ● Multi 24-bit Burr Brown D/A converters ● 2 optical digital inputs ● IP-Bus input/output ● Gold-plated screw-type speaker terminals ● Gold-plated large screw-type power/ground terminals ● Low load impedance capability (2 — 8 ohm) ● Copper plated chassis ● L/R independent power supply ● Sound master clock ● DAC volume

TS-W5000SPL [30cm (12") Component Competition-Level SPL Subwoofer]

5000W MAX.



2004 Deathmatch Champion



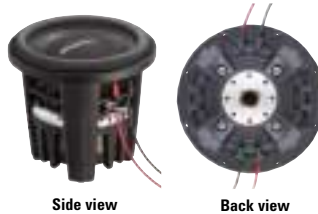
2004 dB5 Champion
2004 Bass Olympics Champion



- **Interlaced long carbon fiber reinforced IMPP cone*** ● Carbon Fiber/Paper blended center cap ● Wide-roll, Woven Aramid Fiber radial rubber surround* ● Overhung surround design* ● High-power handling ceramic-coated voice coil wire* ● Dual 76mm (3"), high inductance, 4-layer, long voice coils (DVC) (2 x 4Ω) ● 7-slit glass imide voice coil bobbin ● Precision double conex damper with damper rings ● Huge back plate and extended pole yoke with vented pole ● Huge 30mm (1.2") thick top plate ● ADMG (Aerodynamic Magnetic Gap) design ● Massive triple-stack magnet assembly (9kg; 3,000g x 3/320 oz.; 6 lbs. 10 oz. x 3) ● Aluminum die-cast one-piece rigid basket with bottom hold design ● 8-gauge wire terminal ● Nominal input: 2,000W ● 18 — 2,000Hz, 88dB/W/m, 42.5L (1.5 cu. ft.), ø327 x 304mm

* Patent pending

Caution: To avoid damaging your amplifier/subwoofer system, please make sure that the continuous power output of the amplifier is lower than the nominal input power of the subwoofer.



Side view Back view

TS-W3004SPL [30cm (12") Component Subwoofer]

3000W MAX.



- **Interlaced carbon fiber/glass fiber reinforced IMPP cone** ● Wide-roll 3-layer fiber woven radial surround with honeycomb cloth ● Dual 4-layer, ceramic coat round wire long voice coils (DVC) (2 x 4Ω) ● ø65mm (2-9/16") large titanium voice coil bobbin ● Dual Aramid damper with woven tinsel wire and damper ring ● Extended and vented pole yoke ● Thick 23mm (7/8") top plate ● Double-stack magnet assembly (3.11kg / 110 oz.) ● Aluminum die-cast one-piece rigid basket with bottom hold design ● Aluminum heatsink cooling system ● Silver binding posts ● 1-piece rubber gasket ● Nominal input: 750W ● 18 — 700Hz, 89dB/W/m, 35.4L (1.25 cu. ft.), ø329 x 205mm



TS-W3004SPL Subwoofer with optional UD-G306 Spoke Grille

NEW

TS-W2504SPL [25cm (10") Component Subwoofer]

2500W MAX.



- **Interlaced carbon fiber/glass fiber reinforced IMPP cone** ● Wide-roll 3-layer fiber woven radial surround with honeycomb cloth ● Dual 4-layer, ceramic coat round wire long voice coils (DVC) (2 x 4Ω) ● ø55mm (2-1/4") large titanium voice coil bobbin ● Dual Aramid damper with woven tinsel wire and damper ring ● Extended and vented pole yoke ● Thick 23mm (7/8") top plate ● Double-stack magnet assembly (2.3kg / 81 oz.) ● Aluminum die-cast one-piece rigid basket with bottom hold design ● Aluminum heatsink cooling system ● Silver binding posts ● 1-piece rubber gasket ● Nominal input: 600W ● 18 — 1,000Hz, 87dB/W/m, 22.64L (0.80 cu. ft.), ø282 x 185mm

TS-W306C [30cm (12") Component Subwoofer (Sealed Enclosure Type)]
TS-W306DVC [30cm (12") Component Subwoofer (Dual Voice Coil Type)]

1000W MAX.



TS-W306C

- **Composite IMPP cone using interlaced aramid fiber** ● 3-layer, fiber woven radial surround ● Single conex damper with damper ring ● 4-layer, long voice coil (TS-W306C) ● Dual 4-layer, long voice coils (DVC) (2 x 4Ω) (TS-W306DVC) ● 12-slit, 55mm (2-3/16") aluminum voice coil bobbin ● Dual mass high-power magnet (2.4kg, 83oz.) ● Extended and vented pole yoke ● Silver binding posts ● Nominal input: 400W ● 18 — 500Hz, 89dB/W/m, 35.4L (1.25 cu. ft.), ø327 x 177mm

NEW

TS-W305F [30cm (12") Component Subwoofer (Free-Air Type)]

800W MAX.



TS-W305F

- Large magnet and high-power motor assembly ● Tall surround and large cone surface ● **Composite IMPP cone using interlaced aramid fiber** ● Extended excursion design ● Long voice coil design ● Extended and vented pole yoke ● Best tuned parameters ● Nominal input: 300W ● 20 — 2,000Hz, 94dB/W/m, 150L (5.3 cu. ft.), ø327 x 165mm

TS-W255F [25cm (10") Component Subwoofer (Free-Air Type)]

650W MAX.



- Large magnet and high-power motor assembly ● Tall surround and large cone surface ● **Composite IMPP cone using interlaced aramid fiber** ● Extended excursion design ● Long voice coil design ● Extended and vented pole yoke ● Best tuned parameters ● Nominal input: 250W ● 20 — 2,500Hz, 92dB/W/m, 150L (5.3 cu. ft.), ø277 x 150mm

TS-W256C [25cm (10") Component Subwoofer (Sealed Enclosure Type)]
TS-W256DVC [25cm (10") Component Subwoofer (Dual Voice Coil Type)]

800W MAX.



TS-W256DVC

- **Composite IMPP cone using interlaced aramid fiber** ● 3-layer, fiber woven radial surround ● Single conex damper with damper ring ● 4-layer, long voice coil (TS-W256C) ● Dual 4-layer, long voice coils (DVC) (2 x 4Ω) (TS-W256DVC) ● 12-slit, 48mm (2") aluminum voice coil bobbin ● Dual mass high-power magnet (2.1kg, 74oz.) ● Extended and vented pole yoke ● Silver binding posts ● Nominal input: 350W ● 18 — 600Hz, 87dB/W/m, 22.64L (0.80 cu. ft.), ø277 x 162mm

NEW

UD-G306/UD-G256 [Optional Spoke Grille]

● Spoke Grille for the TS-W3004SPL, TS-W2504SPL, TS-W306C, TS-W306DVC, TS-W256C, TS-W256DVC, TS-W305F, TS-W255F, TS-SW124D and TS-W12PRS

Pioneer optional spoke grilles protect cone surface and enhance appearance of the subwoofers.



UD-G306 UD-G256 with TS-W256C

NEW

Component Enclosed Subwoofers

TS-WX206A [20cm Bandpass Active Subwoofer]

150W MAX.*

* Output Power



- Built-in MOSFET 150W Max. monaural amplifier ● 20cm IMPP composite cone woofer with stromium magnet ● Large dual port bandpass design for rich and powerful bass ● Input level control/phase switch ● Built-in variable LPF (50 — 125Hz, -12dB/oct.) ● Aluminum die-cast heatsink ● Nominal output: 60 W ● 35 — 200Hz, 107dB/W/m (in-car, at 65Hz), 274 x 316 x 412mm

TS-WX121 [30cm Bass-Reflex Subwoofer]

400W MAX.



- Foamed IMPP composite seamless cone woofer ● Bass-reflex design with side port ● Blue tweed carpeted particle board ● Ideal design for Sport-Utility Vehicles (SUVs) and hatchbacks ● Nominal input: 100W ● 20 — 1,500Hz, 106dB/W/m (in-car, at 50Hz), 483 x 343 x 426mm

TS-WX105A [10cm Bass-Reflex Active Subwoofer]

100W MAX.*

* Output Power



- IMPP composite cone woofer ● Built-in 100W max. monaural amplifier ● Long-stroke design woofer unit with large-diameter conex damper ● Bass-reflex design with rear port ● Nominal output: 50W ● 55 — 150Hz, 98dB/W/m (in-car, at 65Hz), 395 x 144 x 162mm

TS-WX205 [20cm Bandpass Subwoofer]

250W MAX.



- IMPP composite cone woofer ● Nominal input: 100W ● 35 — 200Hz, 107dB/W/m (in-car, at 65Hz), 446 x 248 x 280mm

Linear Power Subwoofers

TS-WX20LPA [20cm Bass-Reflex Active Subwoofer]

200W MAX.

* Output Power



- Foamed IMPP composite cone woofer ● Pioneer Exclusive Linear Power Response Technology ● Built-in 200W max. monaural amplifier ● Nominal output: 100W ● 25 — 200Hz, 104dB/W/m (in-car, at 60Hz), 431 x 291 x 282mm

TS-WX20LP

* Also available without built-in amplifier

- 350W maximum input power ● 120W nominal input power ● 25 — 200Hz, 104dB/W/m (in-car, at 60Hz), 431 x 291 x 282mm

TS-A Series Speakers

TS-A6991S [6" x 9" 5-Way Speaker]

460W MAX.



- 6" x 9" (16 x 24cm) **composite IMPP cone woofer using interlaced aramid fiber** ● Glass-imide voice coil bobbin ● 57mm lightweight balanced dome midrange with magnetic fluid ● 37mm silver PET film cone tweeter with neodymium magnet ● 18mm silver PET film dome supertweeter ● 12mm silver PET film ceramic dome supertweeter ● Full-depth basket for longer excursion and richer bass ● Nominal input: 80W ● 25 — 35,000Hz, 93dB/W/m, 264 x 184 x 122mm

TS-A6981S [6" x 9" 4-Way Speaker]

420W MAX.



- 6" x 9" (16 x 24cm) **composite IMPP cone woofer using interlaced aramid fiber** ● Glass-imide voice coil bobbin ● 57mm lightweight balanced dome midrange with magnetic fluid ● 37mm silver PET film cone tweeter ● 18mm silver PET film dome supertweeter ● Full-depth basket for longer excursion and richer bass ● Nominal input: 80W ● 25 — 33,000Hz, 93dB/W/m, 264 x 184 x 121mm

TS-A6971E [6" x 9" 3-Way Speaker]

350W MAX.



- 6" x 9" (16 x 24cm) **composite IMPP cone woofer using interlaced aramid fiber** ● Glass-imide voice coil bobbin ● 57mm PET cone midrange with magnetic fluid and urethane surround ● 18mm PET film dome tweeter ● Full-depth basket for longer excursion and richer bass ● Nominal input: 80W ● 25 — 30,000Hz, 93dB/W/m, 264 x 184 x 119mm

TS-A6961E [6" x 9" 3-Way Speaker]

260W MAX.



- 6" x 9" (16 x 24cm) **composite IMPP cone woofer using interlaced aramid fiber** ● Glass-imide voice coil bobbin ● 57mm PET cone midrange with magnetic fluid ● 18mm PET film dome tweeter ● Shallow depth basket for increased installation versatility ● Nominal input: 40W ● 28 — 28,000Hz, 93dB/W/m, 264 x 184 x 105mm

TS-A Series Speakers

TS-A1681S [16cm 4-Way Speaker]

NEW



260W MAX.

- 16cm composite IMPP cone woofer using interlaced aramid fiber ● Glass-impide voice coil bobbin ● 40mm lightweight balanced dome midrange with neodymium magnet and magnetic fluid ● 16mm silver PET film dome tweeter ● 10mm silver PET film dome supertweeter ● Full-depth basket for longer excursion and richer bass ● Nominal input: 50W ● 30 — 33,000Hz, 91dB/W/m, ø171 x 84mm

TS-A1671S [16cm 3-Way Speaker]

NEW



220W MAX.

- 16cm composite IMPP cone woofer using interlaced aramid fiber ● Glass-impide voice coil bobbin ● 40mm lightweight balanced dome midrange with neodymium magnet and magnetic fluid ● 10mm silver PET film dome tweeter ● Shallow-depth basket for installation versatility ● Nominal input: 35W ● 30 — 33,000Hz, 90dB/W/m, ø171 x 68mm

TS-A2511 [25cm 3-Way Speaker]

NEW



400W MAX.

- 25cm composite IMPP cone woofer using interlaced aramid fiber ● Glass-impide voice coil bobbin ● 66mm PET film cone midrange with magnetic fluid ● 18mm PET film dome tweeter ● Nominal input: 100W ● 25 — 30,000Hz, 93dB/W/m, ø285 x 153mm

TS-A2011 [20cm 3-Way Speaker]

NEW



350W MAX.

- 20cm composite IMPP cone woofer using interlaced aramid fiber ● Glass-impide voice coil bobbin ● 66mm PET film cone midrange with magnetic fluid ● 18mm PET film dome tweeter ● Nominal input: 90W ● 25 — 30,000Hz, 93dB/W/m, ø244 x 132mm

TS-6975 [6" x 9" 3-Way Speaker]

NEW



300W MAX.

HIGH-POWER

- 6" x 9" (16 x 24cm) rigid oven cone woofer ● 57mm PI cone midrange ● 32mm PEI (poly-ether imide) balanced dome tweeter with magnetic fluid ● Nominal input: 80W ● 28 — 32,000Hz, 93dB/W/m, 250 x 175 x 123.2mm

High-Power Series Speaker

TS-E Series Speakers

TS-E6996 [6" x 9" 3-Way Speaker]

360W MAX.

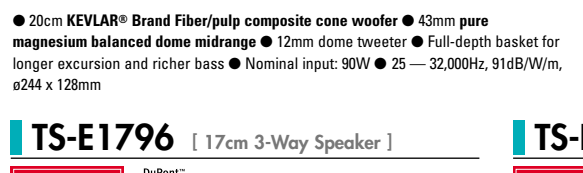


TS-E6996

- 6" x 9" (16 x 24cm) KEVLAR® Brand Fiber/pulp composite cone woofer ● 43mm pure magnesium balanced dome midrange ● 12mm dome tweeter ● Full-depth basket for longer excursion and richer bass ● Nominal input: 80W ● 25 — 32,000Hz, 91dB/W/m, 270 x 185 x 119.5mm

TS-E2096 [20cm 3-Way Speaker]

360W MAX.



220W MAX.

- 17cm KEVLAR® Brand Fiber/pulp composite cone woofer ● 30mm pure magnesium balanced dome midrange ● 10mm dome tweeter ● Full-depth basket for longer excursion and richer bass ● Nominal input: 60W ● 28 — 32,000Hz, 91dB/W/m, ø179 x 89.5mm

TS-E1396 [13cm 3-Way Speaker]

160W MAX.



200W MAX.

- 13cm KEVLAR® Brand Fiber/pulp composite cone woofer ● 25mm pure magnesium balanced dome midrange ● 10mm dome tweeter ● Full-depth basket for longer excursion and richer bass ● Nominal input: 35W ● 40 — 32,000Hz, 90dB/W/m, ø155 x 78.3mm

TS-E1796 [17cm 3-Way Speaker]

220W MAX.

- 17cm KEVLAR® Brand Fiber/pulp composite cone woofer ● 30mm pure magnesium balanced dome midrange ● 10mm dome tweeter ● Full-depth basket for longer excursion and richer bass ● Nominal input: 60W ● 28 — 32,000Hz, 91dB/W/m, ø179 x 89.5mm

TS-E1076 [10cm 2-Way Speaker]

110W MAX.

- 10cm KEVLAR® Brand Fiber/pulp composite cone woofer ● 25mm pure magnesium balanced dome tweeter ● Round/Square compatible frame ● Nominal input: 25W ● 45 — 30,000Hz, 90dB/W/m, ø131 x 65mm

TS-E1695 [16cm 3-Way Speaker]

220W MAX.

- 16cm 3D magnesium hybrid cone woofer ● 30mm pure titanium dome midrange with ultra-slim neodymium magnet and magnetic fluid ● 10mm dome tweeter ● Triangular butyl rubber surround for smoother response ● GM tabs for 16cm/17cm compatibility ● Nominal input: 60W ● 30 — 32,000Hz, 91dB/W/m, ø167 x 84mm

TS-G Series Speakers

TS-G1640R [16cm 2-Way Speaker]

160W MAX.

130W MAX.

TS-G1340R [13cm 2-Way Speaker]

130W MAX.

- 13cm blue IMPP composite cone woofer ● 34mm silver PET film cone tweeter ● Shallow basket design for installation versatility ● Renault/DIN compatible basket ● Nominal input: 25W ● 40 — 22,000Hz, 91dB/W/m, ø157 x 68mm

TS-G1040R [10cm 2-Way Speaker]

100W MAX.

- 10cm blue IMPP composite cone woofer ● 27mm silver PET film cone tweeter ● 4-/2-hole compatibility (removable screw holes) ● Nominal input: 20W ● 45 — 22,000Hz, 90dB/W/m, ø134 x 61mm

TS-G1610R [16cm Dual-Cone Speaker]

160W MAX.



- 16cm blue IMPP composite dual-cone speaker ● Shallow basket design for installation versatility ● Increased installation versatility with extra tabs (16cm/GM 17cm compatibility) ● Nominal input: 30W ● 35 — 22,000Hz, 92dB/W/m, ø171 x 68mm

TS-G1310R [13cm Dual-Cone Speaker]

130W MAX.

- 13cm blue IMPP composite dual-cone speaker ● Shallow basket design for installation versatility ● Renault/DIN compatible basket ● Nominal input: 25W ● 40 — 22,000Hz, 91dB/W/m, ø157 x 68mm

TS-G1010R [10cm Dual-Cone Speaker]

100W MAX.

- 10cm blue IMPP composite dual-cone speaker ● 4-/2-hole compatibility (removable screw holes) ● Nominal input: 20W ● 45 — 22,000Hz, 90dB/W/m, ø134 x 62mm

Packaged Component Speaker Systems

TS-C1625 [16cm High-Grade Packaged Component Speaker System]

220W MAX.



- 16cm 3D magnesium hybrid cone woofer with slitted bullet shape equalizer ● 27mm pure titanium dome tweeter ● 16cm/GM 17cm compatible frame ● Nominal input: 60W ● 30 — 32,000Hz, 91dB/W/m, ø167 x 84mm (woofer)/42 x 38 x 41mm (tweeter: surface mount)

TS-C1653 [16cm Packaged Component Speaker System]

150W MAX.



- 16cm Foamed IMPP composite cone woofer ● 23mm aromatic polyamide fiber soft-dome tweeter ● 16cm/GM 17cm compatible frame ● Nominal input: 50W ● 30 — 32,000Hz, 90dB/W/m, ø171 x 86mm (woofer)

TS-C1602 [16cm Packaged Component Speaker System]

150W MAX.



- 16cm HR™ (Hydro-Resistant) cone woofer ● 13mm PEI (poly-ether imide) dome tweeter ● Nominal input: 50W ● 30 — 25,000Hz, 90dB/W/m, ø165 x 83mm (woofer)/ø49 x 21mm (tweeter)

TS-C1325 [13cm High-Grade Packaged Component Speaker System]

160W MAX.

- Nominal input: 35W

TS-C1353 [13cm High-Grade Packaged Component Speaker System]

150W MAX.

- Nominal input: 50W

TS-C1002 [10cm Packaged Component Speaker System]

150W MAX.

- Nominal input: 50W

4" x 6"/Tune-Up/Component/Cross-Axial Speakers

TS-A4670R [4" x 6" 3-Way Speaker]



- 4" x 6" (10 x 16cm) interlaced aramid fiber composite cone woofer ● 27mm Foamed PPC (Pearl PolyCarbon) balanced dome midrange ● 10mm dome tweeter ● Glass-impide voice coil bobbin ● New custom-fit US/ European compatible basket design ● Nominal input: 20W ● 45 — 22,000Hz, 90dB/W/m, 158 x 102 x 51mm

TS-G4640R [4" x 6" 2-Way Speaker]



- 4" x 6" (10 x 16cm) blue IMPP composite cone woofer ● 34mm silver PET film cone tweeter ● New custom-fit US/European compatible basket design ● Nominal input: 20W ● 45 — 22,000Hz, 90dB/W/m, 158 x 102 x 51mm

TS-S250 [40mm High-Power Tune-Up Tweeter]



- 40mm ceramic horn tweeter design ● Nominal input: 50W ● 6,000 — 40,000Hz, 97dB/W/m, ø44 x 24mm

TS-T15 [20mm Component Soft-Dome Tweeter]



- 20mm styrene rubber coated polyester soft dome tweeter ● Nominal input: 40W ● 2,500 — 30,000Hz, 90dB/W/m, ø37.5 x 18.9mm

TS-T110 [22mm Component Hard-Dome Tweeter]



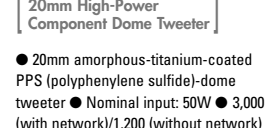
- 22mm PPTA balanced dome tweeter ● Nominal input: 40W ● 2,500 — 30,000Hz, 90dB/W/m, ø47.1 x 20.5mm

TS-2150 [20cm Cross-Axial 3-Way Speaker]



- 20cm IMPP composite cone woofer ● 25mm titanium dome midrange ● 20mm ceramic up-dome tweeter ● Nominal input: 50W ● 28 — 28,000Hz, 91dB/W/m, 238 x 238 x 176mm

TS-S20 [20mm High-Power Component Dome Tweeter]



- 20mm amorphous-titanium-coated PPS (polyphenylene sulfide)-dome tweeter ● Nominal input: 50W ● 3,000 (with network)/1,200 (without network) — 26,000Hz, 92dB/W/m, 85.5 x 73.5 x 32.8mm

Marine Speakers

TS-MR2040 [20cm 2-Way Speaker]



- 20cm water-resistant IMPP cone woofer ● Nominal input: 40W ● 25 — 30,000Hz, 92dB/W/m, ø230 x 115mm

TS-MR1640 [16cm 2-Way Speaker]



- 16cm water-resistant IMPP cone woofer ● Nominal input: 30W ● 30 — 30,000Hz, 91dB/W/m, ø175 x 84.5mm

TS-MR1600 [16cm Dual-Cone Speaker]



- 16cm water-resistant IMPP dual-cone speaker ● Nominal input: 25W ● 30 — 20,000Hz, 90dB/W/m, ø175 x 84.5mm

Symbols for Special Features

For Head Units



Color OEL (Organic EL) Display



OEL (Organic EL) Display



High-Power MOSFET output 60W, 50W, 45W/ch. (max.)



Compact Disc digital audio system



Windows Media™ Audio playback



CD-R/CD-RW compatibility



MP3 playback



RCA input/output



Speaker level input



Bass Boost Bass boost



iPod® ready



Compact Disc digital audio system



CD-R/CD-RW compatibility



Multi-CD control



Supertuner® III/D+ Supertuner® III/D Supertuner® III™ Supertuner®



RCA output or RCA preout



Detachable Face Security™



CD Text



CD Text ready



High-Voltage Preout



Built-in DSP (Digital Signal Processor)



Digital SFC (Sound Field Control)



Easy Equalizer



BBE® sound processing



PC-Link (OEL Screensaver Studio) ready



MiniDisc



MDLP



For Multi-CD Players



Pioneer's half-load type 12-disc CD player and magazine



Pioneer's half-load type 6-disc CD player and magazine



Cross-Axial Design

VCCS (Voice Coil Cooling System)

HR™ Hydro-Resistant Cone

KEVLAR® Brand Fiber