

Pioneer



THE PIONEER LX SERIES
THE ULTIMATE HOME ENTERTAINMENT COLLECTION

Pioneer

seeing and hearing like never before

LX

LX

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FOR OVER 70 YEARS, PIONEER HAS BEEN COMMITTED TO OFFERING THE VERY FINEST IN AUDIO PERFORMANCE, DEVELOPING PRODUCTS THAT DELIVER MUSIC AND MOVIE SOUND CAPABLE OF TRULY MOVING LISTENERS. TO CREATE THE SENSATION OF HAVING A CONCERT HALL, MOVIE THEATRE OR LIVE PERFORMANCE RIGHT IN YOUR ROOM, PIONEER SOUNDS AND IMAGES FAITHFULLY CONVEY THE WILL OF THE ARTIST. OUR MISSION IS TO IMBUE OUR PRODUCTS WITH THE EXPRESSIVE POWER TO ACHIEVE THE ULTIMATE IN SOUND AND IMAGE, WHETHER IT BE THE PERFORMANCE OF OUR RECEIVERS, THE IMAGES FROM OUR BLU-RAY DISC PLAYERS, OR THE SOUNDS FROM OUR SPEAKERS. IN ORDER TO ACHIEVE THIS STANDARD OF EXPRESSION IN CUTTING-EDGE MEDIA, WE EXAMINE EVERY PART AND DEVICE METICULOUSLY, CONSTANTLY REFINING OUR EXCLUSIVE TECHNOLOGIES. THE RESULT IS THE PIONEER LX SERIES: THE ULTIMATE HOME ENTERTAINMENT COLLECTION. ENJOY SEEING AND HEARING LIKE NEVER BEFORE.



FROM HIGH-FIDELITY TO REALITY.
ACHIEVING THE STANDARD OF A PROFESSIONAL SOUND STUDIO
IN YOUR OWN HOME.

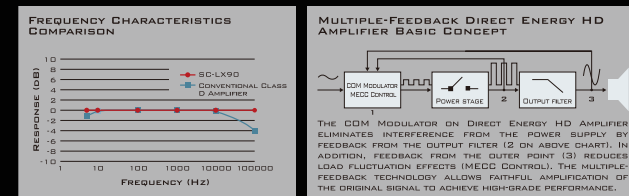


A/V MULTI-CHANNEL PRE-MAIN AMPLIFIER
SC-LX90



DIRECT ENERGY HD AMPLIFIER

FOR THE SC-LX90 POWER AMPLIFIER, PIONEER COLLABORATED WITH ICEPOWER TO DEVELOP AN ENTIRELY NEW DIRECT ENERGY HD (HIGH FIDELITY CLASS-D) AMPLIFIER. THIS AMP USES MULTIPLE FEEDBACK TECHNOLOGY TO ELIMINATE POWER SUPPLY INTERFERENCE AND LOAD FLUCTUATION EFFECTS, OVERCOMING THE DRAWBACKS TYPICAL OF CLASS-D AMPS. IT EFFORTLESSLY DELIVERS 140W X 10 OF ULTRA-PURE POWER FOR THE FINEST LISTENING EXPERIENCE.



NEW POWER AMP MODULE

IN ORDER TO MAKE THE MOST OF THE DIRECT ENERGY HD AMPLIFIER, PIONEER DEVELOPED AN INNOVATIVE POWER AMP MODULE. IT PUTS THE POWER SUPPLY, POWER DEVICE AND SPEAKER TERMINALS INSIDE A COMPACT UNIT THAT IS ONE-TENTH THE SIZE OF PREVIOUS CONFIGURATIONS. AN OPTIMISED CIRCUIT LAYOUT AND HIGHEST QUALITY PARTS ENSURE MAXIMUM POWER PERFORMANCE.

ULTRA RIGID SEPARATE CONSTRUCTION

BECAUSE THE POWER AMP MODULE IS SO COMPACT, IT ALLOWS AN INNOVATIVE TWO-LAYER CONSTRUCTION. THE POWER AMP AND PREAMP SECTIONS ARE SEPARATED BY A METAL PLATE, SO THEY PERFORM LIKE TWO DISTINCT AMPLIFIERS. TADC CARBON CAST INSULATORS EFFECTIVELY DAMPEN ANY VIBRATIONS.



INSULATED DUAL CHASSIS

BOTH THE MAIN AND AMPLIFIER CHASSIS ARE PARTIALLY INSULATED, PROVIDING THE MOST STABLE EARTH FOR EACH SECTION. TOGETHER WITH THE SEPARATE CONSTRUCTION, THIS ENSURES HIGH SOUND QUALITY EQUIVALENT TO THAT OF TWO SEPARATE COMPONENTS.



ADVANCED 3-D SPACE FRAME CONSTRUCTION

THIS INTERNAL CONSTRUCTION METHOD USES 1.6MM THICK STEEL PLATES TO ISOLATE THE POWER SUPPLY, POWER AMP, ANALOGUE/DIGITAL CIRCUITRY AND VIDEO CIRCUITRY. BECAUSE THERE CAN BE NO INTERFERENCE AMONG THESE ELEMENTS, EACH CAN PERFORM TO ITS OPTIMUM ABILITY.

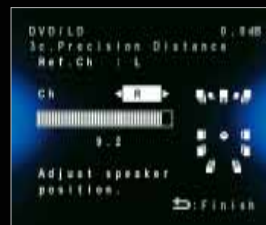


POWER AMP ASSIGN SELECTOR

THE POWER AMP ASSIGN SELECTOR GIVES YOU EXTREME FLEXIBILITY FOR CONFIGURING YOUR HOME THEATRE SYSTEM. YOU CAN ASSIGN THE 10 POWER AMP CHANNELS IN A VARIETY OF WAYS, INCLUDING 9.2-CH FULL SURROUND, 7.2-CH PLUS MULTI-ZONE, 7.2-CH FRONT BI-AMP, 7.2-CH SPEAKER B, AND 5.2-CH ALL BI-AMP.

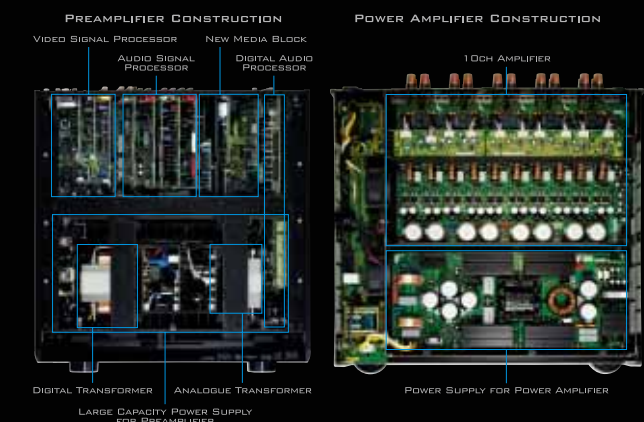
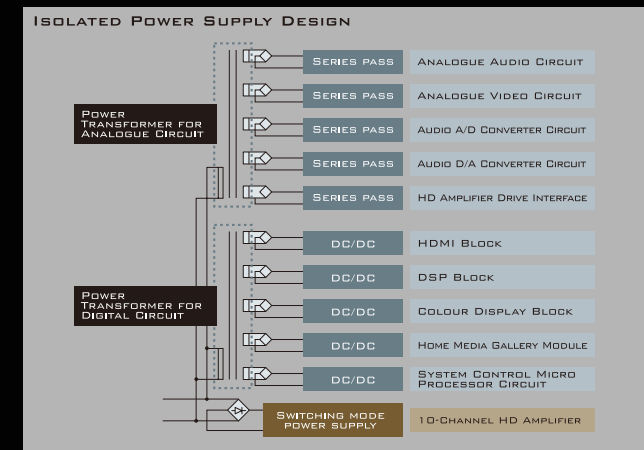
PRECISION DISTANCE

A MULTI-SPEAKER SYSTEM PROMISES GREAT SOUND, BUT WHERE EXACTLY DO YOU PUT THE SPEAKERS? PRECISION DISTANCE TELLS YOU. THIS UNIQUE FEATURE ANALYSES SPEAKER POSITIONS AND GIVES YOU AN ON-SCREEN DISPLAY OF HOW TO ADJUST THEM. YOU CAN GET THE SAME OPTIMUM SPEAKER CONFIGURATION THAT A SKILLED INSTALLER WOULD GIVE YOU.



ISOLATED POWER SUPPLY DESIGN

THE SC-LX90 HAS AN EXTREMELY SOPHISTICATED POWER SUPPLY SYSTEM, WITH SEPARATE TRANSFORMERS FOR THE ANALOGUE AND DIGITAL CIRCUITRY. THE DIGITAL CIRCUITS USE HIGH CAPACITY DC/DC CAPACITORS, WHILE THE ANALOGUE CIRCUITS USE LOW-NOISE SERIES PASS REGULATORS. THE DIRECT ENERGY HD AMPLIFIER HAS ITS OWN SWITCHING MODE POWER SUPPLY. THIS OPTIMISES THE PERFORMANCE OF EVERY CIRCUIT, FOR SUPERIOR SOUND QUALITY.



THE IDEALS OF PIONEER'S SC-LX90 TOP-OF-THE-LINE AMPLIFIER ARE CARRIED ON IN THE LX SERIES.



A/V MULTI-CHANNEL RECEIVER
SC-LX82



A/V MULTI-CHANNEL RECEIVER
SC-LX72



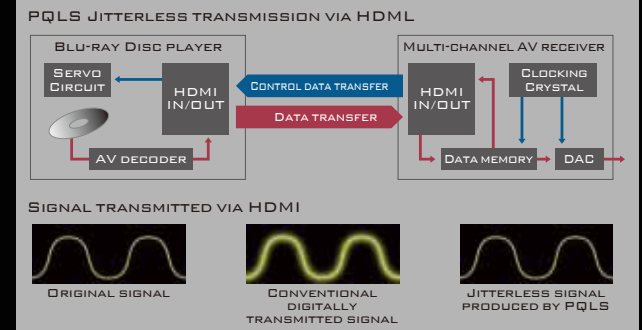
A/V MULTI-CHANNEL RECEIVER
VSX-LX52



WE BASED THE DEVELOPMENT OF OUR NEW RECEIVERS AROUND THE SC-LX90, PROVIDING A LEVEL OF SOUND AND IMAGE QUALITY VIRTUALLY IDENTICAL TO THAT OF A PRO SOUND STUDIO, SUPPORTING THE DOLBY TRUEHD AND DTS-HD MASTER AUDIO FORMATS, AND REALISING OPTIMUM SOUND FROM COMPRESSED MEDIA SUCH AS IPOD® AND USB MEMORY FILES. BY TEAMING RECEIVERS THAT USE PRECISION QUARTZ LOCK SYSTEM (PQLS) TO ELIMINATE JITTER AND BLU-RAY DISC PLAYERS, THE LX SERIES NOT ONLY ELEVATES THE QUALITY OF CD MUSIC, IT ALSO REPRODUCES MULTI-CHANNEL BLU-RAY DISC AND DVD MEDIA WITH NO SACRIFICE IN SOUND OR IMAGE QUALITY.

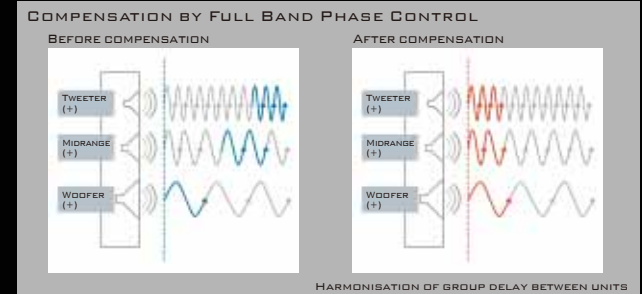
PQLS MULTI SURROUND WITH HDMI (SC-LX82/SC-LX72/VSX-LX52)

CONNECTED TO THE BDP-LX52 BLU-RAY DISC PLAYER WITH HDMI, THE SC-LX82, SC-LX72 AND VSX-LX52 PROVIDE IDEAL MULTI-CHANNEL AUDIO PLAYBACK THANKS TO PIONEER'S PROPRIETARY PRECISION QUARTZ LOCK SYSTEM (PQLS). THIS TECHNOLOGY ELIMINATES THE DISTORTION CAUSED BY TIMING ERRORS AND ENSURES THE BEST POSSIBLE DIGITAL-TO-ANALOGUE CONVERSION FROM BLU-RAY DISCS, DVDs AND CDS. THE RESULT IS JITTER-FREE PLAYBACK AND DYNAMIC SOUND QUALITY.



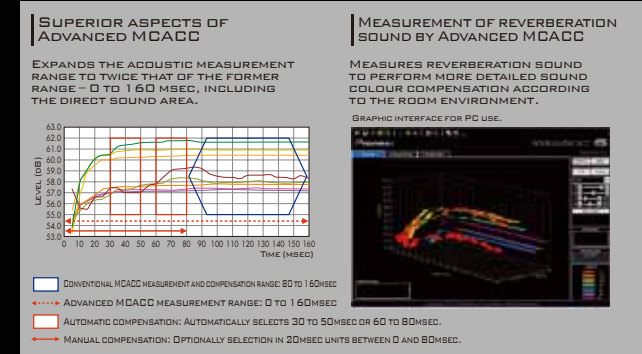
FULL BAND PHASE CONTROL (SC-LX82/SC-LX72)

FULL BAND PHASE CONTROL IS PIONEER'S INNOVATIVE SOLUTION FOR THE PHASE SHIFTS THAT OCCUR IN MULTI-CHANNEL SPEAKER SETUPS. USING ADVANCED SIGNAL PROCESSING TECHNIQUES, IT CORRECTS THE PHASE IRREGULARITIES THAT CAUSE RESPONSE DEVIATIONS BETWEEN THE TWEETER, MIDRANGE AND WOOFER UNITS, AND ALSO ADJUSTS FOR THE DELAYS BETWEEN SPEAKERS. THIS MAKES A BIG CONTRIBUTION TO ACHIEVING THE IDEAL SURROUND SOUND IN YOUR HOME THEATRE.



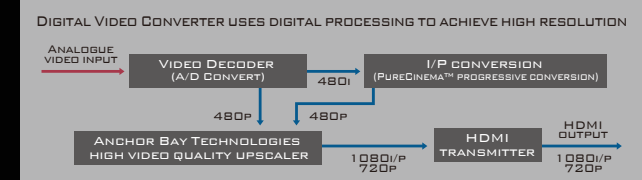
ADVANCED MCACC (MULTI-CHANNEL ACOUSTIC CALIBRATION)

DESIGNED TO CREATE A SOUND FIELD IDEAL FOR SURROUND SOUND REPRODUCTION, ADVANCED MCACC WAS ACHIEVED BY ADDING TIME AXIS ANALYSIS, STANDING WAVE CONTROL AND NEW LR SYMMETRICAL ACOUSTIC EQUALISER TO THE ORIGINAL MCACC SYSTEM. IT COMPENSATES FOR THE DISTANCE, SOUND PRESSURE LEVEL AND FREQUENCY RESPONSE DIFFERENCES OF EACH SPEAKER, AND MAKES NUMEROUS OTHER ADJUSTMENTS AS WELL. TIME AXIS ANALYSIS ALLOWS THE SYSTEM TO DISTINGUISH BETWEEN DIRECT SOUND AND ROOM REVERBERATION, FOR MORE PRECISE ADJUSTMENT, WHILE STANDING WAVE CONTROL ELIMINATES THE BOOMINESS THAT THESE SOUND WAVES CAN CAUSE. THE NEW LR SYMMETRICAL ACOUSTIC EQUALISER ENHANCES STEREO ACCURACY. ALL THIS IS DONE AUTOMATICALLY AT THE TOUCH OF A BUTTON.



DIGITAL VIDEO CONVERTER WITH PURECINEMA™ AND HDMI UPSCALING

THE LX RECEIVERS AND AMPLIFIER ALLOW HDMI OUTPUT OF ALL ANALOGUE VIDEO SIGNALS, AND FEATURE A VIDEO UPSCALER BY ANCHOR BAY TECHNOLOGIES FOR UPSCALING 480I/P VIDEO SIGNALS UP TO 1080P.



PRECISION DISTANCE (SC-LX82)

PRECISION DISTANCE IS A WORLD'S FIRST INNOVATIVE FEATURE FOR MAKING MILLIMETER-LEVEL MANUAL ADJUSTMENTS TO THE SPEAKER DISTANCE. YOU CAN EASILY DUPLICATE A SKILLED INSTALLER'S PRECISE POSITIONING WITH THE HELP OF A LEVEL GAUGE SHOWN ON THE DISPLAY.



HOME MEDIA GALLERY (SC-LX90/SC-LX82/SC-LX72)

WITH PIONEER'S HOME MEDIA GALLERY FUNCTION, THE SC-LX82 AND SC-LX72 CAN PLAY AUDIO FILES FROM PCs VIA A LAN NETWORK. WHAT'S MORE, THE TWO MODELS ARE COMPATIBLE WITH ETHERNET INTERNET RADIO. YOU CAN LISTEN TO NEURAL MUSIC DIRECT INTERNET RADIO STATIONS, DELIVERING MULTICHANNEL SURROUND SOUND IN NEURAL-THX SURROUND MODE. IN ADDITION TO AUDIO, THE SC-LX90 CAN ALSO PLAY VIDEO FILES INCLUDING HD MOVIE CONTENTS VIA THE HOME NETWORK. THE HOME MEDIA GALLERY LETS YOU EASILY SWITCH FUNCTIONS USING THE REMOTE CONTROL, WHILE ALLOWING YOU TO ENJOY THE LATEST MEDIA FROM VARIOUS SOURCES.



FRONT HDMI INPUT TERMINAL (SC-LX82/SC-LX72/VSX-LX52)

THE SC-LX82, SC-LX72 AND VSX-LX52 PROVIDE AN HDMI INPUT TERMINAL ON THE FRONT PANEL. YOU CAN CONNECT AN HDMI-COMPATIBLE HD VIDEO CAMERA OR GAME CONSOLE AND ENJOY PLAYBACK OF HIGH QUALITY AUDIO AND VIDEO.



- AIR STUDIO SOUND TUNING (SC-LX82, SC-LX72)
- THX ULTRA2 CERTIFIED (SC-LX82)
- THX SELECT2 CERTIFIED (SC-LX72, VSX-LX52)
- DIRECT ENERGY HD AMPLIFIER (SC-LX82, SC-LX72)
- IPOD® DIGITAL CONNECTION VIA USB

THE EVOLUTION OF OPTICAL DISCS CONTINUES AS PIONEER SETS NEW STANDARDS FOR SOUND AND IMAGE QUALITY.



BLU-RAY DISC PLAYER
BDP-LX91



BLU-RAY DISC PLAYER
BDP-LX52

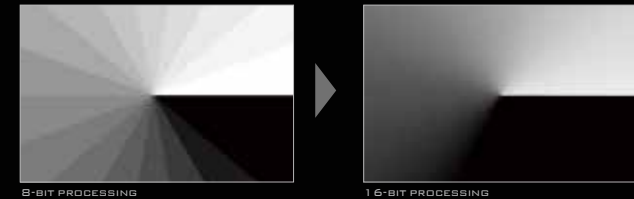


WITH LASER DISCS, DVDs AND NOW THE NEW TECHNOLOGY OF BLU-RAY DISCS, PIONEER HAS CONTINUALLY REDEFINED THE PINNACLE OF AUDIO AND VIDEO EXPRESSION. IN ORDER TO FULLY PROVIDE THE AUDIO AND VIDEO QUALITY EXPECTED IN THE HD ERA, OUR BLU-RAY DISC PLAYERS SUPPORT LEADING-EDGE HDMI 48-BIT DEEP COLOUR TECHNOLOGY, 1080P/24FPS SIGNALS THAT SHOW MOVIE IMAGES JUST AS THEY WERE CREATED, AND THE LATEST SOUND FORMATS SUCH AS DOLBY TRUEHD AND DTS-HD MASTER AUDIO. THROUGH THE COMBINATION OF PQLS TECHNOLOGY THAT ELIMINATES JITTER FOR HIGHEST CD AUDIO QUALITY, THE BDP-LX52 WITH MULTI-CHANNEL COMPATIBILITY AND LX SERIES RECEIVERS, YOU CAN ENJOY AUDIO AND VIDEO WITH NO LOSS IN QUALITY. PIONEER BLU-RAY DISC PLAYERS DO MORE THAN SIMPLY REPRODUCE HD MEDIA: THEY OFFER SUPERB AUDIO AND VIDEO PROVIDED BY ONLY THE FINEST INDIVIDUALLY SELECTED COMPONENTS.

ADAPTIVE BIT LENGTH EXPANSION CIRCUIT (BDP-LX91)

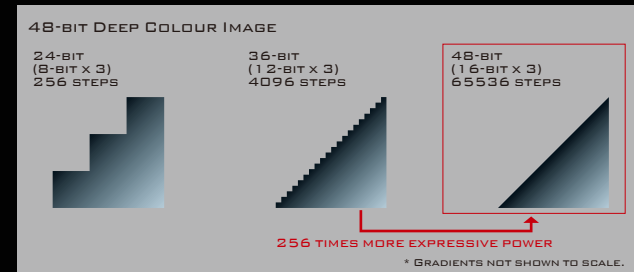
THIS CIRCUIT EXPANDS 8-BIT BRIGHTNESS AND COLOUR SIGNALS FROM BLU-RAY DISCS AND DVDs UP TO 16 BITS, SO IMAGES ARE REPRODUCED WITH GREATER ACCURACY AND MORE NATURAL COLOURS.

BIT EXPANSION



DEEP COLOUR AND X.V.COLOUR VIA HDMI

THE PIONEER BLU-RAY DISC PLAYERS SUPPORT HIGH-BIT DEEP COLOUR, OFFERING IMAGES WITH SUPERB COLOUR DETAIL. THEY UTILISE 48-BIT (EXCEPT 1080/50P AND 1080/60P OUTPUT) COLOUR DEPTH, THE FIRST PLAYERS TO OFFER THIS ULTRA HIGH PERFORMANCE CAPABILITY. THEY ALSO PROVIDE X.V.COLOUR, AN ADVANCED FEATURE THAT GREATLY BROADENS THE COLOUR SPACE INPUT TO INCLUDE 1.8 TIMES AS MANY NATURAL COLOURS AS THE STANDARD RGB SIGNALS.



297MHZ/14-BIT VIDEO D/A CONVERTER (BDP-LX91)

THE BDP-LX91 FEATURES A 297MHZ/14-BIT VIDEO DAC WITH HIGH QUALITY OVERSAMPLING FOR NOISE-FREE PICTURES. THE FINEST VIDEO SIGNALS CAN BE FAITHFULLY REPRODUCED, OFFERING SUPERB IMAGE DISPLAY.

* 216MHZ/14-BIT FOR SD OUTPUT

MOTION ADAPTIVE IP CONVERSION

PIONEER'S BLU-RAY DISC PLAYERS CAN CONVERT 1080/60I HIGH-DEFINITION SOURCES FOR 1080/60P DISPLAY. "MOTION ADAPTIVE" MEANS THAT IP CONVERSION PROCESSING IS DONE WHILE ANALYSING THE CONDITION OF THE MOVING IMAGE, ENSURING HIGHEST QUALITY WITH REDUCED PICTURE NOISE.

MOTION ADAPTIVE IP CONVERSION



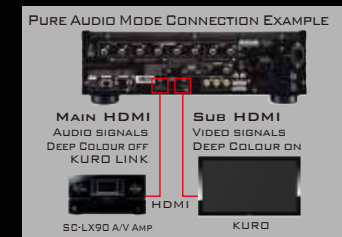
TRIPLE HIGH-DEFINITION NR

BOTH OF THESE BLU-RAY DISC PLAYERS INCORPORATE THREE HIGH-DEFINITION NOISE REDUCTION CIRCUITS. COMPONENT FRAME NR LOWERS GAUSSIAN NOISE WITHOUT BLURRING THE PICTURE. BLOCK NR MINIMISES BLOCK NOISE (MOSAIC-LIKE ARTIFACTS). AND MOSQUITO NR REDUCES THE FLUTTERY NOISE AROUND THE EDGES OF OBJECTS.



PURE AUDIO MODE WITH HDMI DUAL OUTPUT (BDP-LX91)

THE BDP-LX91 COMES WITH TWO HDMI OUTPUT TERMINALS. WITH THE PURE AUDIO MODE, THE AUDIO AND VIDEO SIGNALS ARE SEPARATELY TRANSFERRED VIA THE MAIN AND SUB HDMI TERMINALS. THE ISOLATION OF THE AUDIO SIGNALS PROVIDES HIGH PURITY SOUND FREE OF INTERFERENCE.



7.1-CH DUAL MODE DAC OUTPUT (BDP-LX91)

A SEPARATE D/A CONVERTER IS ALLOCATED FOR EACH OF THE FRONT LEFT, FRONT RIGHT, CENTRE, SUBWOOFER, SURROUND LEFT, SURROUND RIGHT, SURROUND BACK LEFT, AND SURROUND BACK RIGHT CHANNELS ON THE BDP-LX91. THIS DUAL-CHANNEL MODE OUTPUT FOR ALL 7.1 CHANNELS CREATES HIGH QUALITY SOUND EQUIVALENT TO THAT OF HIGH-CLASS PURE AUDIO COMPONENTS. EXPERIENCE THE IDEAL SOUND FIELD FOR YOUR HOME THEATRE.



ANTI-VIBRATION, ANTI-NOISE CONSTRUCTION (BDP-LX91)

AN ADVANCED DOUBLE LAYERED CHASSIS AND DOUBLE LAYER TOP PANEL, WITH HEAVY ALUMINIUM TOP AND SIDE PANELS, AS WELL AS CARBON COMPOSITE TADC INSULATOR FEET, ENSURE THAT NO VIBRATIONS CAN AFFECT SOUND QUALITY. ALL MAJOR PARTS AND CIRCUITRY ARE WELL ISOLATED TO PREVENT NOISE INTERFERENCE.



- BD-LIVE™/BONUSVIEW™ COMPATIBLE
- PQLS 2CH AUDIO (BDP-LX91)
- PQLS MULTI SURROUND (BDP-LX52)
- WOLFSON WM8740 AUDIO DAC (BDP-LX91)
- PURECINEMA DEINTERLACER
- JITTER REDUCTION CIRCUIT
- NEW GUI WITH A/V CODEC INFORMATION
- AVCHD DISC COMPATIBLE
- KURO LINK

MAKING THE MOST OF PIONEER TRADITIONS, TAD TECHNOLOGY AND THE EXPERTISE OF OUR PRODUCT DESIGNERS.

THE LINEAGE OF PIONEER SPEAKERS CONTINUES STRONG AFTER MORE THAN 70 YEARS. OUR VISION OF ENABLING ALL PEOPLE TO ENJOY THE THRILL OF GREAT MUSIC IS JUST AS ALIVE TODAY AS IT WAS SEVEN DECADES AGO. THIS MOTIVATION WAS REFINED INTO THE PROFESSIONAL TAD (TECHNICAL AUDIO DEVICES) BRAND, WITH TAD MONITOR SPEAKERS BEING USED IN TOP RECORDING STUDIOS AROUND THE WORLD. THEIR CONCEPT OF FUSING HIGH-LEVEL SOUND IMAGING AND ENVIRONMENT THEN LED TO THE DEVELOPMENT OF THE EX SERIES CONSUMER MODELS. WITH COHERENT SOURCE TRANSDUCER (CST) DRIVERS APPLYING PRECISION AUDIO PRINCIPLES AND RECEIVERS USING PHASE CONTROL TECHNOLOGY, EX SPEAKERS ENSURE AUTHENTIC REPRODUCTION OF THE SOUND SOURCE.

EX SERIES SPEAKER SYSTEMS



FLOORSTANDER
S-1EX



TESTED BY THE BEST

THE EX SERIES WAS RIGOROUSLY TESTED AT THE WORLD-RENOUNDED AIR STUDIOS IN LONDON. FOUNDED BY LEGENDARY PRODUCER SIR GEORGE MARTIN, THE STUDIO'S AURAL EXPERTISE IS SECOND TO NONE. WE COULDN'T ASK FOR A BETTER TESTAMENT OF OUR ABILITY.



BUILT FOR BASS

THE UNIQUE ONE-PIECE CONE AND CENTRE CAP CONSTRUCTION OF THE EX SERIES BASS DRIVERS ADDS RIGIDITY AND MECHANICAL INTEGRITY. THIS ELIMINATES UNWANTED CONE RESONANCES, IMPROVES ACCURACY AND DELIVERS BASS THAT YOU CAN FEEL!



COMPACT MONITOR
S-2EX



WELL-CRAFTED CABINETS

THE EX SERIES CABINETS ARE CRAFTED FROM MULTIPLE LAYERS OF LAMINATED MDF, 30MM TO 100MM THICK. THEY'RE DESIGNED TO REMAIN SONICALLY INERT, ENHANCING STABILITY AND THEREFORE TAKING NOTHING AWAY FROM THE EXCEPTIONAL CLARITY AND FOCUS OF THE SOUND.

THE CST (COHERENT SOURCE TRANSDUCER)

OUR ENTIRE RANGE OF EX SERIES SPEAKERS EMPLOY TAD'S INGENUOUS AND EXCLUSIVE CST DRIVER TECHNOLOGY. THE TWEETER IS MOUNTED AT THE CENTRE POINT OF THE MIDRANGE DRIVER, ALLOWING THE SOUND TO BE PRECISELY CONTROLLED AT ALL FREQUENCIES.



CENTRE CHANNEL
S-7EX



POWERED SUBWOOFER
S-W1EX



FLOORSTANDER
S-3EX



COMPACT MONITOR
S-4EX



CENTRE CHANNEL
S-8EX



ANDREW JONES AND TEAM

AS BOTH THE DIRECTOR OF ENGINEERING AND SENIOR PRODUCT DESIGNER, ANDREW JONES AND HIS TEAM CREATED THE EX LINE OF HOME SPEAKERS, WHICH WAS INSPIRED BY THEIR LEGENDARY TECHNICAL AUDIO DEVICES TAD REFERENCE ONE FLAGSHIP SPEAKER.



ANDREW JONES AND THE TAD REFERENCE ONE.

- PHASE CONTROL DESIGN
- BERYLLIUM TWEETER/MAGNESIUM MIDRANGE (S-1EX/2EX/7EX)
- CERAMIC GRAPHITE TWEETER/MAGNESIUM MIDRANGE (S-3EX/4EX/8EX)



SPEAKERS REFINED FROM GLOBAL TECHNOLOGY AND AESTHETICS,
BASED ON THE SOUND QUALITY OF THE EX SERIES.

THE TEAM OF ENGINEERS FROM JAPAN, FRANCE AND AMERICA WHO HAD IMPRESSED MUSIC FANS AROUND THE WORLD WITH THE FLAGSHIP EX SERIES ONCE AGAIN CAME TOGETHER. PUTTING THE TECHNOLOGY OF THE EX SERIES TO AMPLE USE, THEY SUCCEEDED IN CREATING ELEGANT, HIGH-QUALITY SPEAKERS CAPABLE OF PRODUCING DYNAMIC SOUNDS. WITH STRIKING SOUND QUALITY FROM SLIM CABINETS THAT ARE PERFECT FOR ANY ROOM, THESE ARE SPEAKERS THAT EVERYONE CAN ENJOY.

SERIES 8 SPEAKER SYSTEMS



FLOORSTANDER
S-81-K



COMPACT MONITOR
S-81B-LR-K



OPTIONAL
SPEAKER
STAND
CP-81B-K

NEW DESIGN: PIONEER'S EXCLUSIVE
13CM CONCENTRIC DRIVER

INHERITING THE CST CONCEPT CREATED THROUGH AN INTENSIVE FOCUS ON POINT SOUND SOURCES, THIS DRIVER FEATURES AN HSDOM TITANIUM DOME TWEETER INSTALLED IN THE CENTRE OF AN ARAMID DIAPHRAGM UNIT. BY RADIATING SOUND OVER A BROAD RANGE FROM A SINGLE POINT, IT REPRODUCES SOUND THAT IS FAITHFUL TO THE ORIGINAL SOURCE.

NEW 13CM WOOFER

THIS WOOFER OFFERS ENHANCED LINEARITY WITH A HIGH STRENGTH TITANIUM BOBBIN, AN ARAMID CARBON COMPOSITE DIAPHRAGM, AND A CORRUGATED EDGE, ALL CREATED BY SPECIAL MANUFACTURING METHODS.

NEW RIFFEL SUPER TWEETER

THIS TWEETER UNIT WAS DEVELOPED BY PIONEER TO HANDLE THE HD FREQUENCY RANGE BY ACHIEVING THE ULTRA-HIGH 100KHZ REPRODUCTION OF DVD-A AND SACD.

LDMC MAGNETIC CIRCUIT

PIONEER'S PROPRIETARY SPECIAL-STRUCTURE LDMC (LINEAR DRIVE MAGNETIC CIRCUIT) ACHIEVES HIGH LINEARITY WITH LOW DEFORMATION.

- 13CM WOOFER HAS CORRUGATED EDGE AND ARAMID CARBON COMPOSITE DIAPHRAGM
- THREE POINT SUPPORT STRUCTURE WITH HIGH STABILITY (S-81-K)
- ABD & AFAST TECHNOLOGY (PATENT PENDING) (S-81-K)
- MINIMAL DESIGN IN TUNE WITH THE LATEST EUROPEAN TREND
- ROUND FORM ENCLOSURE
- PHASE CONTROL DESIGN
- 300 W (RMS) SUBWOOFER FOR DEEP BASS (S-LX70W)



CENTRE CHANNEL
S-81C-K



POWERED SUBWOOFER
S-LX70W



*SPEAKERS ARE SOLD INDIVIDUALLY. *S-81B-LR-K IS SOLD AS A PAIR.

THE REFINED FUSION OF NATURAL, SPACIOUS SOUND AND ELEGANT DESIGN.

SERIES 7 SPEAKER SYSTEMS



- PIONEER'S EXCLUSIVE 13CM CONCENTRIC DRIVER WITH AN HSDOM TITANIUM DOME TWEETER REPRODUCES SOUND THAT IS FAITHFUL TO THE ORIGINAL SOURCE. (S-71-K, S-71B-LR-K, S-71C-K)
- NEW 13CM WOOFER WITH AN ARAMID GLASS-FIBRE COMPOSITE DIAPHRAGM FOR ACCURATE BASS SOUND REPRODUCTION. (S-71-K)
- THREE POINT SUPPORT STRUCTURE WITH EXTRA TWO FEET FOR HIGH STABILITY. (S-71-K)

- HIGH LINEARITY PORT STRUCTURE FOR DEEP AND CLEAR LOW FREQUENCY SOUND. (S-71-K, S-31-LR-K/QL)
- ABD AND AFAST TECHNOLOGY (PATENT PENDING) FOR STANDING WAVE CONTROL. (S-71-K, S-31-LR-K/QL)
- FLUSH-SURFACE DESIGN AND ROUND FORM ENCLOSURE FOR AESTHETICS.
- PHASE CONTROL DESIGN FOR A DRAMATIC IMPROVEMENT IN MULTI-CHANNEL SOUND QUALITY.
- 150 W (RMS) SUBWOOFER FOR DEEP BASS. (S-51W)

SERIES 3 SPEAKER SYSTEMS



- SERIES 3 SPEAKER SYSTEMS ARE AVAILABLE LIGHT BROWN.



*SPEAKERS ARE SOLD INDIVIDUALLY. *S-71B-LR-K, S-31-LR-K/QL AND S-31B-LR-K/QL ARE SOLD AS A PAIR.

A THREE-DIMENSIONAL SENSATION THAT BRINGS THE “LIVE” FEELING RIGHT INTO YOUR LIVING ROOM.



HOME THEATRE SYSTEM
HTP-LX70



*HTP-LX70 IS NOT AVAILABLE IN AUSTRALIA, NEW ZEALAND.



HOME THEATRE SYSTEM
HTZ-LX61



HDMI INPUT FOR BLU-RAY DISC PLAYERS

THE HTP-LX70 AND HTZ-LX61 HAVE HDMI INPUT AND OUTPUT TERMINALS THAT CAN TRANSMIT HIGH QUALITY DIGITAL VIDEO AND AUDIO SIGNALS VIA A SINGLE CABLE (HTP-LX70: 3 INPUTS AND 1 OUTPUT; HTZ-LX61: 2 INPUTS AND 1 OUTPUT). BY CONNECTING A BLU-RAY DISC PLAYER, YOU CAN ENJOY THE LOSSLESS SOUND OF HD AUDIO* FROM YOUR PIONEER HOME THEATRE SYSTEM.

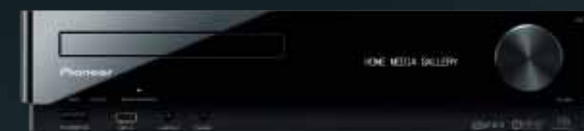
* FOR LOSSLESS HD AUDIO WITH THE HTZ-LX61, A BLU-RAY DISC PLAYER COMPATIBLE WITH HD AUDIO DECODING IS NECESSARY.

iPOD® DIGITAL INPUT FOR ENJOYING HIGH MUSIC QUALITY (HTZ-LX61)

WITH THE HTZ-LX61, YOU CAN ENJOY HIGHER QUALITY SOUND FROM IPOD® AND OTHER AUDIO PLAYERS. THE RECEIVER HAS A USB JACK, ALLOWING IT TO ACCEPT THE DIGITAL SIGNAL FROM THE PLAYER DIRECTLY FOR BEST SOUND PURITY. FURTHERMORE, THE HIGH QUALITY AMPLIFIER AND SPEAKERS OF THE HTZ-LX61 ENSURE THAT YOU CAN ENJOY EVEN RICHER AND HIGHER QUALITY SOUND. ANOTHER ADVANTAGE IS THAT YOU CAN OPERATE YOUR IPOD® USING THE HOME THEATRE CONTROLLER.

* COMPATIBLE WITH FIFTH GENERATION AND LATER IPOD®, AND IPOD® NANO.

BACK TO BASICS WITH 2-CHANNEL STEREO



SACD RECEIVER
PDX-Z9



*PDX-Z9 IS AVAILABLE IN AUSTRALIA, NEW ZEALAND AND HONG KONG.

FULL-DIGITAL AMPLIFIERS FOR ELIMINATING D/A SIGNAL CONVERSION LOSS

HIGHLY EFFICIENT DIGITAL PWM (PULSE WIDTH MODULATION) AMPLIFIERS ARE USED FOR THE PDX-Z9. THE FULL-DIGITAL SIGNAL PROCESSING PREVENTS THE SOUND QUALITY FROM DETERIORATING. WE HAVE SOLVED THE NOISE PROBLEMS TYPICAL OF DIGITAL AMPLIFIERS, AND ACHIEVED HIGH SOUND PURITY WITH PIONEER EXCLUSIVE CHASSIS AND GROUND STRUCTURE.

TOROIDAL COILS

HIGH GRADE TOROIDAL COILS WITH LOW MAGNETIC FLUX LEAKAGE ARE USED ON THE LOW PASS FILTER (LPF). THIS PREVENTS UNWANTED NOISE OCCURRENCE, AND FURTHER IMPROVES CLARITY IN SOUND.



SPEAKERS PROJECT A 3D SOUND FIELD TO ENHANCE PRESENCE AND GIVE A FEELING OF EXPANSIVE SPACE

5.1-CHANNEL SURROUND SOUND CAN OFFER AN ENHANCED FEELING OF PRESENCE BY PROJECTING SOUND NOT ONLY IN TWO PLANES BUT THREE-DimensionALLY. TO ACHIEVE THIS, THE HTP-LX70 USES POLYHEDRON SPEAKERS BASED ON DODECAHEDRON TECHNOLOGY, WHILE THE HTZ-LX61 FRONT AND SURROUND SPEAKERS HAVE A UNIT FACING UPWARD ON THE TOP OF THE SPEAKER. AS A RESULT, THE SOUND SPREADS OUT NOT ONLY HORIZONTALLY, BUT VERTICALLY AS WELL, CREATING A THREE-DIMENSIONAL SOUND SPACE THROUGHOUT THE ROOM. AS THE SOUND EXPANDS, IT CAN EXPRESS NOT ONLY A FEELING OF MOTION FROM SIDE TO SIDE, BUT A TRULY REALISTIC PERSPECTIVE, OFFERING GREATER ENJOYMENT OF MOVIES AND MUSIC.



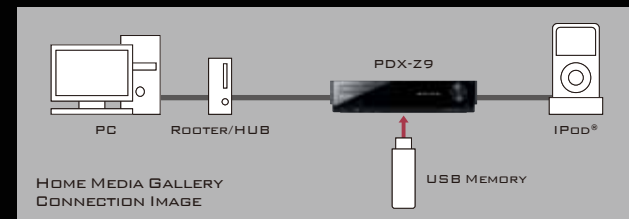
SOUND RETRIEVER PLAYS COMPRESSED MUSIC FILES WITH CD-LIKE SOUND QUALITY (HTP-LX70, HTZ-LX61)

WITH THE COMPRESSED SOUND FORMATS USED FOR PC OR IPOD® MUSIC FILES, SOME OF THE SOUND DATA IS CUT DURING THE COMPRESSION PROCESS. THESE MUSIC FILES BENEFIT FROM THE SOUND RETRIEVER FUNCTION THAT SUPPLEMENTS FOR LOST SOUNDS, LETTING YOU ENJOY MUSIC WITH QUALITY THAT RIVALS THAT OF CD. THE HTZ-LX61 IS ALSO COMPATIBLE WITH THE ADVANCED SOUND RETRIEVER THAT PLAYS HIGH QUALITY SOUND WITH EVEN GREATER DEPTH.

- MOTION SENSOR AND TOUCH SENSORS ENHANCE LESS ELEMENT DESIGN (HTZ-LX61)

HOME MEDIA GALLERY AND IPOD®

THE HOME MEDIA GALLERY FUNCTION LETS YOU ENJOY SONGS FROM YOUR PC ARCHIVE. THE SYSTEM IS DLNA (DIGITAL LIVING NETWORK ALLIANCE) COMPLIANT AS WELL AS MICROSOFT PLAYSFORSURE COMPATIBLE. YOU CAN ALSO LISTEN TO YOUR IPOD® TUNES WITH THE INCLUDED CONNECTION CABLE.



HOME MEDIA GALLERY
CONNECTION IMAGE

USB MEMORY

A/V MULTI-CHANNEL PRE-MAIN AMPLIFIER/A/V MULTI-CHANNEL RECEIVERS SPECIFICATIONS















	SC-LX9D	SC-LXB2	SC-LX72	VSX-LX52
POWER OUTPUT	SC-LX9D	SC-LXB2	SC-LX72	VSX-LX52
FRONT	(20 HZ-20KHZ, 0.05 % THD, 6 OHMS)	(1 KHZ, 1 % THD, 6 OHMS)	(1 KHZ, 1 % THD, 6 OHMS)	(1 KHZ, 1 % THD, 6 OHMS)
CENTRE	270 W + 270 W	190 W + 190 W	180 W + 180 W	150 W + 150 W
SURROUND(A)	270 W	190 W	180 W	150 W
SURROUND BACK	270 W + 270 W	190 W + 190 W	180 W + 180 W	150 W + 150 W
SURROUND(B)	270 W + 270 W	190 W + 190 W	180 W + 180 W	150 W + 150 W
FOR DIRECT ENERGY HD AMPLIFIER MODELS	(20 HZ-20 KHZ, 0.05 % THD, 8 OHMS)	(1 KHZ, 1 % THD, 8 OHMS)	(1 KHZ, 1 % THD, 8 OHMS)	
SIMULTANEOUS	1,400 W	770 W	700 W	
TOTAL HARMONIC DISTORTION				
8 OHMS, 20-20,000 HZ	200 W + 200 W (0.05 %)	130 W + 130 W (0.05 %)	130 W + 130 W (0.05 %)	100 W + 100 W (0.06 %)
AMPLIFIER DESIGN				
CHANNELS	10 CH	7 CH	7 CH	7 CH
POWER AMPLIFIER DESIGN	DIRECT ENERGY HD (ICE POWER)	DIRECT ENERGY HD (ICE POWER)	DIRECT ENERGY HD (ICE POWER)	DISCRETE (A.D. ENERGY)
CONSTRUCTION DESIGN				
ULTRA RIGID SEPARATED CONSTRUCTION	•			
ADVANCED DIRECT CONSTRUCTION	•	•	•	•
3-D SPACE FLAME CONSTRUCTION	•	•	•	
TRANS. STABILIZER	•	•	•	•
INSULATED DUAL CHASSIS	•			
INSULATOR	TAOC	NORMAL	NORMAL	NORMAL
DIGITAL AUDIO DESIGN				
DIGITAL CORE ENGINE	THE 3RD-GENERATION SHARC PROCESSOR X 2 + FREESCALE DSP	FREESCALE X 2	FREESCALE X 2	FREESCALE
DAC	192 KHZ/24-BIT	192 KHZ/24-BIT	192 KHZ/24-BIT	192 KHZ/24-BIT
ADC	192 KHZ/24-BIT	192 KHZ/24-BIT	192 KHZ/24-BIT	96 KHZ/24-BIT
DIGITAL VIDEO DESIGN				
VIDEO CONVERTER	UP TO HDMI	UP TO HDMI	UP TO HDMI	UP TO HDMI
VIDEO SCALER (ANALOGUE TO HDMI)	UP TO 1080P	UP TO 1080P	UP TO 1080P	UP TO 1080P
VIDEO SCALER (ANALOGUE TO ANALOGUE)	UP TO 1080I			
SOUND FIELD CALIBRATION FEATURES				
PHASE CONTROL	• (FULL BAND)	• (FULL BAND)	• (FULL BAND)	•
ADVANCED MCACC	•	•	•	•
STANDING WAVE CONTROL	•	•	•	•
EQ BAND	9-BAND	9-BAND	9-BAND	9-BAND
SYMMETRIC EQ	•	•	•	•
PRECISION DISTANCE	•	•	•	•
MEMORY TYPE	6	6	6	6
PC DISPLAY	•	•	•	•
X-CURVE	•	•	•	•
STEP OF SPEAKER DISTANCE ADJUSTMENT	1 CM	1 CM	1 CM	1 CM
LICENSE / FORMAT FEATURE				
AIR STUDIOS	MONITOR REFERENCE	MONITOR	MONITOR	
THX	THX ULTRA2 PLUS	THX ULTRA2 PLUS	THX SELECT2 PLUS	THX SELECT2 PLUS
DOLBY DIGITAL	•	•	•	•
DOLBY TRUEHD / DOLBY DIGITAL PLUS	•	•	•	•
DOLBY DIGITAL EX / DOLBY PRO LOGIC IIX	•	•	•	•
DTS	•	•	•	•
DTS-HD MASTER AUDIO	•	•	•	•
DTS-HD HIGH RESOLUTION AUDIO	•	•	•	•
DTS-EXPRESS / DTS-ES	•	•	•	•
DTS 96/24 / DTS NEO:6	•	•	•	•
NEURAL-THX SURROUND	•	•	•	•
WMA9 Pro	•	•	•	•
LISTENING MODES				
AUTO SURROUND	•	•	•	•
STREAM DIRECT	•	•	•	•
ADVANCED SURROUND MODES	13+1 MODES *	13+1 MODES *	13+1 MODES *	13+1 MODES *
FRONT STAGE SURROUND (FOCUS, WIDE)	•	•	•	•
HEADPHONE SURROUND	•	•	•	•
VIRTUAL SURROUND BACK	•	•	•	•
AUDIO FEATURES				
PQLS	• (I. LINK , 2 CH)	• (HDMI, MULTI SURROUND)	• (HDMI, MULTI SURROUND)	• (HDMI, MULTI SURROUND)
SAMPLING RATE CONVERTER	• (UP TO 192 KHZ)	• (UP TO 192 KHZ)		
HIGH BIT / HIGH SAMPLING			•	
JITTER REDUCTION	• (HDMI)	•	•	•
DSD DIRECT	•	•	•	•
DSD TO PCM CONVERTER		•	•	•
ADVANCED SOUND RETRIEVER	• (2 CH)	• (MULTI CH)	• (MULTI CH)	• (MULTI CH)
AUTO LEVEL CONTROL		• (MULTI CH)	• (MULTI CH)	• (MULTI CH)
DIALOGUE ENHANCEMENT	•	•	•	•
SOUND DELAY (LIP-SYNC)	•	•	•	•
DIGITAL NOISE REDUCTION	•	•	•	•
MIDNIGHT LISTENING MODE	•	•	•	•

A/V MULTI-CHANNEL PRE-MAIN AMPLIFIER/A/V MULTI-CHANNEL RECEIVERS SPECIFICATIONS

	SC-LX9D	SC-LXB2	SC-LX72	VSX-LX52
HDMI				
KURO LINK	•	•	•	•
DEEP COLOUR (36 BIT)	•	•	•	•
X.V. COLOUR	•	•	•	•
1080P TRANSFERRING	•	•	•	•
USB				
TERMINAL TYPE	A-TYPE (VER. 2.0 Hi-SPEED)	A-TYPE (VER. 2.0 FULL-SPEED)	A-TYPE (VER. 2.0 FULL-SPEED)	A-TYPE (VER. 2.0 FULL-SPEED)
MEMORY AUDIO SUPPORT	• (WAV, MP3, AAC, WMA9, WMA9PRO)	• (MP3, WMA, WAV)	• (MP3, WMA, WAV)	• (MP3, WMA, WAV)
NETWORK FEATURE				
HOME MEDIA GALLERY SUPPORT	• (AUDIO, MOVIE + IMAGE)	• (AUDIO)	• (AUDIO)	
PLAYSFORSURE CERTIFIED	•			
DLNA CERTIFIED	•	•	•	
INTERNET RADIOS		•	•	
V-TUNER		•	•	
NEURAL MUSIC DIRECT		•	•	
COPYRIGHT PROTECTION CONTENTS	•	•	•	
CONVENIENCE FEATURES				
DYNAMIC RANGE CONTROL	•	•	•	•
MULTI ZONE	3	3	3	2
GUI	•	•	•	•
TUNER				
FM/AM TUNER		•	•	•
RADIO RANDOM PRESET SELECT		63	63	63
FM/AM 3-SPEED ACCELERATED TUNING		•	•	•
REMOTE CONTROL				
TYPE	LCD LEARNING W BACK LIGHT	LCD LEARNING W BACK LIGHT	LEARNING	PRESET
MULTI-OPERATION	•	•	•	
TERMINALS (MAIN ROOM)				
HDMI INPUT/OUTPUT	• (6IN/2OUT)	• (5IN/2OUT)	• (5IN/2OUT)	• (5IN/2OUT)
I-LINK	• (2)			
USB INPUT	•	•	•	•
ETHERNET INPUT	•	•	•	
IPOD® FOR ANALOGUE DEDICATED CABLE				
DIGITAL COAXIAL INPUT/OUTPUT	• (4IN/1 OUT)	• (3IN)	• (2IN)	• (2IN)
DIGITAL OPTICAL INPUT/OUTPUT	• (7IN/2OUT)	• (7IN/2OUT)	• (4IN/2OUT)	• (3IN/1 OUT)
ANALOGUE MULTI-CH INPUT	• (7.1 CH)	• (7.1 CH)	• (7.1 CH)	• (5.1 CH)
PREAMP OUTPUT	• (10.2CH)	• (7.1 CH)	• (7.1 CH)	• (7.1 CH)
PHONO INPUT	• (MM)	• (MM)	• (MM)	
AUDIO IN / REC. OUT	• (5IN/1 OUT)	• (4IN/1 OUT) TUNER INCLUDED	• (4IN/1 OUT) TUNER INCLUDED	• (3IN/1 OUT) TUNER INCLUDED
AV (COMPOSITE) IN / REC. OUT	• (5IN/1 OUT)	• (5IN/1 OUT)	• (5IN/1 OUT)	• (4IN/1 OUT)
S-VIDEO IN / REC. OUT	• (4IN/2OUT) (ASSIGNABLE)	• (5IN/1 OUT)	• (5IN/1 OUT)	• (4IN/1 OUT)
COMPONENT VIDEO IN (ASSIGNABLE)	• (5IN)	• (3IN)	• (3IN)	• (2IN)
MONITOR VIDEO OUT (TO TV)COMPONENT/ S-VIDEO/COMPOSITE	1 / 1 / 1	1 / 1 / 1	1 / 1 / 1	1 / 1 / 1
MISCELLANEOUS				
DIMENSIONS (W X H X D)	440 X 247 X 479 MM	420 X 200 X 460 MM	420 X 200 X 460 MM	420 X 173 X 433 MM
WEIGHT	35.5 KG	18.5 KG	18.5 KG	13.7 KG
POWER REQUIREMENTS	AC220-240 V, 50/60 HZ	AC220-230 V, 50/60 HZ	AC220-230 V, 50/60 HZ	AC 110/120-127/220/230-240 V, 50/60 HZ
POWER CONSUMPTION	550 W / 0.55 W	330 W / 0.4 W	330 W / 0.4 W	410 W / 0.5 W

* ACTION, DRAMA, SCI-FI, MOND FILM, ENTERTAINMENT SHOW, EXPANDED THEATER, TV SURROUND, ADVANCED GAME, SPORTS, CLASSICAL, ROCK/POP, UNPLUGGED, EXTENDED STEREO + PHONES SURROUND

IPOD® COMPATIBILITY

														
	IPHONE		IPOD		IPod PHOTO	IPod VIDEO	IPod CLASSIC	IPod TOUCH		IPod MINI	IPod NANO			
	IPHONE	IPHONE 3G	WITH COCK CONNECTOR	WITH COLOUR DISPLAY	4TH GEN.	5TH GEN.		1ST GEN.	2ND GEN.		1ST GEN.	2ND GEN.	3RD GEN.	4TH GEN.
SC-LX9D	A+1	A+1				A	AV	AV	AV		A	A	AV	AV
SC-LXB2	AV	AV				A	AV	AV	AV		A	A	AV	AV
SC-LX72	AV	AV				A	AV	AV	AV		A	A	AV	AV
VSX-LX52	AV	AV				A	AV	AV	AV		A		AV	AV
HTP-LX7D	A+1+2	A+1+2		A+2	A+2	A+2	A+2	A+2	A+2	A+2	A+2	A+2	A+2	A+2
HTZ-LX61						A	A	A		A	A	A	A	A
PDX-Z9	A+1	A+1			A	A	A	A	A	A	A	A	A	A

AV = AUDIO FILE PLAYBACK COMPATIBLE WITH OSD AND REMOTE CONTROL. VIDEO FILE PLAYBACK REQUIRES IPOD OPERATION.

A = AUDIO FILE PLAYBACK COMPATIBLE WITH OSD AND REMOTE CONTROL.

*1 WHEN CONNECTED, THE MESSAGE "THIS ACCESSORY IS NOT MADE TO WORK WITH IPHONE" WILL BE DISPLAYED ON THE IPHONE.

*2 AUDIO FILE PLAYBACK REQUIRES IPOD OPERATION.

CERTAIN FUNCTIONS IN SOME IPOD MODELS MAY NOT BE AVAILABLE.



SC-LX82



V5X-LX52

	BDP-LX91	BDP-LX52
	BD-LIVE / BONUSVIEW	BD-LIVE / BONUSVIEW
	*	*
	*	*
(RACK)	*	*
	*	*
A-B]	*	*
B FILE]	*	*
	*	*
C FILE]	*	*
	*	*
(FACE)	*	*
	*	*
	*	*
	*	*
	*	*
	*	*
	*	*
	2 (GOLD PLATED)	1
(PR)	1 (BNC, GOLD PLATED)	1
	1 (GOLD PLATED)	
	1 (GOLD PLATED)	1
	1 (GOLD PLATED)	
	1	1
	1 (GOLD PLATED)	
		1
	1	1
	1	1
	420 x 143 x 365 MM	420 x 83 x 287 MM
	14.3 KG	3.6 KG
	59 W / 0.3 W	32 W / 0.3 W
	AC 220-240 V, 50/60 Hz	AC 220-240 V, 50/60 Hz, AC 110-240 V, 50/60 Hz

*1 ISO 9660 FILE SYSTEM ONLY
*2 EXCEPT 1080P/50 AND 1080P/60 OUTPUT



BDP-LX52

EX SERIES SPEAKER SYSTEMS SPECIFICATIONS

		S-1EX	S-2EX	S-3EX	S-4EX	S-7EX	S-8EX	S-W1EX
ENCLOSURE		3-WAY VENTED BOX SYSTEM FRONT-VENTED BASS REFLEX FLOOR-STANDING TYPE	3-WAY VENTED BOX SYSTEM FRONT-VENTED BASS REFLEX BOOKSHELF TYPE	3-WAY VENTED BOX SYSTEM FRONT-VENTED BASS REFLEX FLOOR-STANDING TYPE	3-WAY VENTED BOX SYSTEM FRONT-VENTED BASS REFLEX BOOKSHELF TYPE	3-WAY VENTED BOX SYSTEM FRONT-VENTED BASS REFLEX CENTER SPEAKER TYPE	3-WAY VENTED BOX SYSTEM FRONT-VENTED BASS REFLEX CENTER SPEAKER TYPE	POWERED SUBWOOFER PASSIVE RADIATOR FLOOR-STANDING TYPE
SPEAKERS	WOOFER	18 CM ARAMID/ CARBON COMPOSITE CONE (X2)	18 CM ARAMID/ CARBON COMPOSITE CONE	16 CM ARAMID/ CARBON COMPOSITE CONE (X2)	16 CM ARAMID/ CARBON COMPOSITE CONE	18 CM ARAMID/ CARBON COMPOSITE CONE (X2)	16 CM ARAMID/ CARBON COMPOSITE CONE (X2)	30 CM PULP CONE PASSIVE RADIATOR
	MIDRANGE	CONCENTRIC UNIT: 14 CM MAGNESIUM CONE	CONCENTRIC UNIT: 14 CM MAGNESIUM CONE	CONCENTRIC UNIT: 14 CM MAGNESIUM CONE	CONCENTRIC UNIT: 14 CM MAGNESIUM DOME	CONCENTRIC UNIT: 14 CM MAGNESIUM CONE	CONCENTRIC UNIT: 14 CM MAGNESIUM DOME	
	TWEETER	CONCENTRIC UNIT: 3.5 CM BERYLLIUM HSDOM	CONCENTRIC UNIT: 3.5 CM BERYLLIUM HSDOM	CONCENTRIC UNIT: 3 CM CERAMIC GRAPHITE HSDOM	CONCENTRIC UNIT: 3 CM CERAMIC GRAPHITE HSDOM	CONCENTRIC UNIT: 3.5 CM BERYLLIUM HSDOM	CONCENTRIC UNIT: 3 CM CERAMIC GRAPHITE HSDOM	
FREQUENCY RANGE		28-100,000 HZ	34-100,000 HZ	30-100,000 HZ	34-100,000 HZ	34-100,000 HZ	34-100,000 HZ	20-6,000 HZ
SENSITIVITY (2.83 V/1M)		89.5 DB SPL	86.5 DB SPL	88.5 DB SPL	85.5 DB SPL	89.5 DB SPL	88.5 DB SPL	
NOMINAL IMPEDENCE		6 OHMS	6 OHMS	6 OHMS	6 OHMS	6 OHMS	6 OHMS	
MAXIMUM POWER		200 W	200 W	160 W	160 W	200 W	160 W	
OUTPUT POWER								250 W (4 OHMS)
CROSS-OVER FREQUENCIES		400 HZ, 2 KHZ	400 HZ, 2 KHZ	400 HZ, 2 KHZ	400 HZ, 2 KHZ	400 HZ, 2 KHZ	400 HZ, 2 KHZ	50-150 HZ (CONTINUOUSLY VARIABLE)
DIMENSIONS (W X H X D)		422 x 1283 x 609 MM	291 x 565 x 425 MM	350 x 1224 x 541 MM	263 x 490 x 387 MM	820 x 291 x 425 MM	723 x 263 x 387 MM	430 x 480 x 430 MM
WEIGHT		66 KG	28 KG	48 KG	20 KG	39 KG	28 KG	34.5 KG
FINISHES		CABINET: REAL WOOD VENEERS DARK TEAK WOOD (SATIN FINISH) GRILLE: BLACK CLOTH	CABINET: REAL WOOD VENEERS DARK TEAK WOOD (SATIN FINISH) GRILLE: BLACK CLOTH	CABINET: REAL WOOD VENEERS DARK TEAK WOOD (SATIN FINISH) GRILLE: BLACK CLOTH	CABINET: REAL WOOD VENEERS DARK TEAK WOOD (SATIN FINISH) GRILLE: BLACK CLOTH	CABINET: REAL WOOD VENEERS DARK TEAK WOOD (SATIN FINISH) GRILLE: BLACK CLOTH	CABINET: REAL WOOD VENEERS DARK TEAK WOOD (SATIN FINISH) GRILLE: BLACK CLOTH	CABINET: REAL WOOD VENEERS DARK TEAK WOOD (SATIN FINISH) GRILLE: BLACK CLOTH

SERIES 8/7/3 SPEAKER SYSTEMS SPECIFICATIONS

		S-81-K	S-81B-LR-K	S-81C-K	S-71-K	S-71B-LR-K	S-71C-K	S-31-K/QL	S-31B-LR-K/QL	S-31C-K/QL
ENCLOSURE		4-WAY VENTED BOX SYSTEM FRONT-VENTED BASS REFLEX FLOOR-STANDING TYPE	2-WAY VENTED BOX SYSTEM FRONT-VENTED BASS REFLEX BOOKSHELF TYPE	3-WAY VENTED BOX SYSTEM FRONT-VENTED BASS REFLEX CENTER SPEAKER TYPE	3-WAY DOWNFIREBASS REFLEX FLOOR-STANDING TYPE	2-WAY BASS REFLEX BOOKSHELF TYPE	2-WAY BASS REFLEX CENTER SPEAKER TYPE	2-WAY DOWNFIRE BASS REFLEX FLOOR-STANDING TYPE	2-WAY BASS REFLEX BOOKSHELF TYPE	2-WAY VENTED BOX SYSTEM FRONT-VENTED BASS REFLEX CENTER SPEAKER TYPE
SPEAKERS	BASS	13 CM ARAMID/CARBON COMPOSITE CONE (X2)	CONCENTRIC DRIVER: 13 CM ARAMID/CARBON COMPOSITE CONE	13 CM ARAMID/CARBON COMPOSITE CONE (X2)	13 CM ARAMID/GRASSFIBER COMPOSITE CONE (X2)	CONCENTRIC DRIVER: 13 CM ARAMID CONE	CONCENTRIC DRIVER: 13 CM ARAMID CONE	10 CM GLASS FIBRE CONE (X2)	10 CM GLASS FIBRE CONE	10 CM GLASS FIBRE CONE (X2)
	MIDRANGE	CONCENTRIC DRIVER: 13 CM ARAMID CONE		CONCENTRIC DRIVER: 13 CM ARAMID CONE	CONCENTRIC DRIVER: 13 CM ARAMID CONE					
	TWEETER	CONCENTRIC DRIVER: 2.5 CM TITAN DOME	CONCENTRIC DRIVER: 2.5 CM TITAN DOME	CONCENTRIC DRIVER: 2.5 CM TITAN DOME	CONCENTRIC DRIVER: 2.5 CM TITAN DOME	CONCENTRIC DRIVER: 2.5 CM TITAN DOME	CONCENTRIC DRIVER: 2.5 CM TITAN DOME	PPTA 2.5 CM SOFT DOME	PPTA 2.5 CM SOFT DOME	PPTA 2.5 CM SOFT DOME
	SUPER TWEETER	RIFFL-TYPE								
FREQUENCY RANGE		30-100,000 HZ	40-50,000 HZ	40-50,000 HZ	33-50,000 HZ	43-50,000 HZ	43-50,000 HZ	38-40,000 HZ	45-40,000 HZ	45-40,000 HZ
SENSITIVITY (2.83 V/1M)		85.5 DB SPL	84.5 DB SPL	85.5 DB SPL	85 DB SPL	83 DB SPL	83 DB SPL	84 DB SPL	82 DB SPL	84 DB SPL
NOMINAL IMPEDENCE		6 OHMS	6 OHMS	6 OHMS	6 OHMS	6 OHMS	6 OHMS	6 OHMS	6 OHMS	6 OHMS
MAXIMUM POWER		130 W	130 W	130 W	130 W	130 W	130 W	120 W	120 W	120 W
DIMENSIONS (W X H X D)		267 x 1190 x 295 MM	190 x 350 x 295 MM	560 x 212 x 295 MM (WITH BASE) 560 x 190 x 280 MM (WITHOUT BASE)	260 x 1114 x 276 MM	181 x 300 x 276 MM	400 x 188 x 256 MM (WITH BASE)	202 x 1006 x 230 MM	152 x 235 x 197 MM	364 x 146 x 177 MM
WEIGHT		25.8 KG	7.9 KG	14.5 KG	23.8 KG	6.1 KG	7.0 KG	8.8 KG	2.5 KG	3.6 KG
FINISHES		HIGH-GLOSS BLACK	HIGH-GLOSS BLACK	HIGH-GLOSS BLACK	SATIN BLACK	SATIN BLACK	SATIN BLACK	K: BLACK(PVC) QL: LIGHT BROWN(PVC)	K: BLACK(PVC) QL: LIGHT BROWN(PVC)	K: BLACK(PVC) QL: LIGHT BROWN(PVC)

SPEAKER STANDS SPECIFICATIONS

	CP-2EX (FOR S-2EX)	CP-4EX (FOR S-4EX)	CP-7EX (FOR S-7EX/S-8EX)	CP-81B-K (FOR S-81B-LR-K)	CP-71B (FOR S-71B-LR-K)	CP-31B (FOR S-31B-LR-K/QL)
DIMENSIONS (W X H X D)	400 x 604 x 513 MM	360 x 570 x 485 MM	498 x 310 x 412 MM	310 x 604 x 404 MM	317 x 590 x 390 MM	260 x 480-800 x 260 MM
WEIGHT	17.8 KG	14.1 KG	14.0 KG	6.5 KG	8.4 KG	3.3 KG
HIGHT WHEN ATTACHED	1169 MM	1066 MM	601 / 573 MM	894 MM	890 MM	1035 MM (MAX)
UNIT	PAIR	SINGLE	SINGLE	PAIR	PAIR	PAIR

SUBWOOFER SPECIFICATIONS

		S-LX70W	S-S1W
ENCLOSURE		POWERED SUBWOOFER PASSIVE RADIATOR FLOOR-STANDING TYPE	BASS REFLEX FLOOR-STANDING TYPE
WOOFER		30 CM CONE	20 CM CONE
FREQUENCY RANGE		25-4,000 HZ	26-900 HZ
OUTPUT POWER		300 W (4 OHMS)	150 W (6 OHMS)
CROSS-OVER FREQUENCIES		50, 60, 70, 80, 100, 120, 160, 200 HZ	
DIMENSIONS (W X H X D)		362 x 365 x 375 MM	360 x 382 x 360 MM
WEIGHT		18.2 KG	13.5 KG
FINISHES		CABINET: BLACK SATIN FINISH, GRILLE: BLACK	BLACK

HOME THEATRE SYSTEMS SPECIFICATIONS

		HTP-LX70	HTZ-LX61
AMPLIFIER			
TOTAL POWER (RMS)		400 W	500 W
FRONT (1 KHZ, 10 % T.H.D.)		50 W / CH (8 OHMS)	100 W / CH (4 OHMS)
DUAL CENTRE (1 KHZ, 10 % T.H.D.)		100 W (50 W x 50 W) (8 OHMS)	100 W (4 OHMS)
SURROUND (1 KHZ, 10 % T.H.D.)		50 W / CH (8 OHMS)	50 W / CH (8 OHMS)
SUBWOOFER (100 HZ, 10 % T.H.D.)		100 W (50 W + 50 W) (8 OHMS)	100 W (4 OHMS)
SOUND FIELD CALIBRATION FEATURES			
AUTO MCACC		ADVANCED	ADVANCED
EQ BAND		7-BAND	3-BAND
LICENSE/FORMAT FEATURE			
DTS-HD MASTER AUDIO		•	
DTS-HD HIGH RESOLUTION		•	
DTS-EXPRESS/DTS-ES		•	
DTS 96/24/DTS NEO:6		•	
DTS		•	•
DOLBY TRUEHD		•	
DOLBY DIGITAL PLUS		•	
DOLBY PRO LOGIC II		•	
DOLBY DIGITAL		•	
LISTENING MODES			
AUTO SURROUND		•	•
ADVANCE SURROUND MODES		•	•
FRONT STAGE SURROUND		•	
AUDIO FEATURES			
SOUND RETRIEVER		•	ADVANCED
MID-NIGHT LISTENING MODE		•	•
LOUDNESS		•	•
TONE CONTROL			•
SOUND DELAY (LIP-SYNC)		•	•
VIDEO FEATURES			
SACD/DVD-AUDIO COMPATIBLE		•	
DVD-R/R DL/RW/DVD-R/R DL+RW COMPATIBLE		•	
SVCD/VCD/CD/CD-R/RW COMPATIBLE		•	
DIVX/WMV/JPEG FILE COMPATIBLE		•	
MP3/WMA/MPEG-4 AAC FILE COMPATIBLE		•	
VIDEO DAC			108 MHZ / 12-BIT
HDMI			•
DEEP COLOUR		•	
1080P TRANSFERRING		•	
KURO LINK		•	
TUNER			
FM/AM TUNER		•	•
RADIO PRESET		•	•
FM/AM 3-SPEED ACCELERATED TUNING		•	•
CONVENIENCE FEATURES			
REMOTE CONTROL UNIT WITH LCD TOUCH PANEL		•	
TOUCH SENSOR KEY BUTTON AND SELFILLUMINATION LED			•
IR SENSOR FOR AUTOMATICALLY DISPLAY ON/OFF			•
TERMINALS		(RECEIVER SUBWOOFER)	(RECEIVER UNIT)
HDMI INPUT/OUTPUT		3 / 1	2 / 1
DIGITAL AUDIO INPUT		2 (OPTICAL) / 1 (COAXIAL)	2 (OPTICAL) / 1 (COAXIAL)
iPod® INTERFACE		1 (DEDICATED TERMINAL, AUDIO)	1 (USB, DIGITAL AUDIO)
AUDIO INPUT		1	1
3.5MM AUDIO JACK		1 (ON SEPARATE DISPLAY)	
MONITOR OUTPUT (COMPONENT/S-VIDEO/VIDEO)			1 / 1 / 1
SR INPUT/OUTPUT			1 / 1
DIMENSIONS			
RECEIVER UNIT (W X H X D), WEIGHT			420 x 90 x 364 MM, 5.2 KG
SUBWOOFER (W X H X D), WEIGHT		245 x 409 x 600 MM, 17.8 KG	211 x 320 x 358 MM, 6.50 KG
SEPARATE DISPLAY (W X H X D), WEIGHT		168.2 x 73.4 x 87.9 MM, 0.35 KG	
FRONT SPEAKER (W X H X D), WEIGHT		122.5 x 89.5 x 104 MM, 0.5 KG	80 x 196.8 x 82 MM, 1.02 KG
CENTRE SPEAKER (W X H X D), WEIGHT		INCLUDED IN FRONT SPEAKER	80 x 80 x 82 MM, 0.48 KG
SURROUND SPEAKER (W X H X D), WEIGHT		122.5 x 89.5 x 104 MM, 0.44 KG	80 x 115.8 x 82 MM, 0.60 KG
MISCELLANEOUS			
POWER REQUIREMENTS		AC 110-240 V, 50/60 HZ	AC 220-240 V, 50/60 HZ
POWER CONSUMPTION		69 W	
POWER CONSUMPTION DURING STANDBY MODE		0.29 W (STBY-HDMI CTRL OFF) 0.39 W (STBY-HDMI CTRL ON)	0.4 W (STBY-HDMI CTRL OFF) 0.7 W (STBY-HDMI CTRL ON)



PIONEER CORPORATION
4-1, MEGURO 1-CHOME, MEGURO-KU, TOKYO 153-8654, JAPAN
WWW.PIONEER.JP

PIONEER ELECTRONICS AUSTRALIA PTY. LTD.
178-184, BOUNDARY ROAD, BRAESIDE, VICTORIA 3195, AUSTRALIA
FREE CALL: 1800-988-268
WWW.PIONEER.COM.AU

PIONEER ELECTRONICS ASIACENTRE PTE. LTD.
(CO. REG. NO.: 199203130M) 253 ALEXANDRA ROAD,
#04-01 LOBBY 2, SINGAPORE 159936
SERVICE HOTLINE: (65)-6472-7555
WWW.PIONEER.COM.SG

SACD RECEIVER SPECIFICATIONS

		PDX-Z9
AMPLIFIER		
RMS POWER OUTPUT (1 KHZ, 10 % THD, 4 OHMS)		50 W + 50 W
CONTINUOUS POWER OUTPUT (20 HZ - 20 KHZ, 1 % THD, 4 OHMS)		40 W + 40 W
DSD FEATURES		
ADVANCED SOUND RETRIEVER (INDEPENDENT BUTTON)		•
SOUND MODE (SOUND BUTTON)		3 MODES (RELAXING, EXCITING, VIVID)
INTELLIGENT LOUDNESS		•
BASS/TREBLE		• / •
DIGITAL NR		• (TUNER, LINE, PHONO FUNCTION ONLY)
HI-BIT		• (EXCEPT SACD PLAY)
TERMINALS		
AUDIO INPUT		2 (LINE, PHONO (MM) ONLY)
AUDIO OUTPUT		1 (LINE)
USB-A (HOST) TERMINAL		1 (VER.1.1)
FRONT AUDIO INPUT (STEREO MINI)		1
iPod® TERMINAL		1 (21 PIN)
HEADPHONE (STEREO MINI)		1
ETHERNET TERMINAL		1
TUNER		
FM/AM		•
RDS		•
AUTO PRESET		•
STATION MEMORY		30
SACD/CD		
NO. OF PROGRAM		24
PLAYABILITY MEDIA	SUPER AUDIO CD	• (ONLY 2-CH)
	CD/CD-R /CD-RW	•
PLAYABILITY FORMAT	MP3	•
	WMA	•
NEW MEDIA		
MADE FOR iPod® (iPod® USB CHARGING)		•
USB	WAV	•
	MP3/MPEG-4AAC/WMA/FLAC	• (ONLY LPCM)
NET WORK	MP3/MPEG-4AAC/WMA/FLAC/LPCM (STREAM)	•
	WAV	• (ONLY LPCM)
INTERNET RADIO (PLAYABILITY FORMAT)		MP3 / WMA
INTERNET RADIO DATABASE		VTUNER
GENERAL		
DIMENSIONS (W X H X D)		386 x 88 x 347 MM
WEIGHT		5 KG
POWER REQUIREMENTS		AC 220-240 V, 50/60 HZ
POWER CONSUMPTION		47 W / 0.4 W

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