

SONY®

B&I Audio System
Catalogue 1998~1999

SPEAKERS & PROCESSORS

SUP-T14	Compression Driver	1
SUP L14	Cone woofer	1
SRP-S5000	Speaker System	2
SRP-B5000	Sub Woofer	2
SRP-S3000	Speaker System	3
SRP-B3000	Sub Woofer	3
SRP-C3000	Signal Processor	3
SRP-S1000/S1000W	Speaker System	4
SRP-S900	Speaker System	4
SRP-B900	Sub Woofer	5
SRP-C1000	Signal Processor	5
SRP-S720/S720W	Speaker System	6
SRP-S520	Speaker System	6
SRP-S420	Speaker System	6
SRP-S320/S320W	Speaker System	7
SRP-S320T	Speaker System	7
SRP-S31P	Speaker System	7
SRP S31PT	Speaker System	7
SRP-S30P	Speaker System	7
SRP-S730/S730W	Speaker System	8
SRP-S150	Speaker System	8
PA-S123	Speaker System	9
PA-F121	Speaker Grille	9
PA-S163	Speaker System	9
PA-F161	Speaker Grille	9
PA-F162	Speaker Grille	9
PA-S102/S102T	Speaker System	9

SPEAKER ACCESSORIES

MU-533S,M	Speaker Holder	10
MU-534M	Speaker Holder	10
MU-753S,M	Speaker Holder	10
MU-754M	Speaker Holder	10
MU-533MA	Speaker Holder	10
MU-761	Tripod	10
MU-882	Tripod	10
MU-101/101W	Speaker Holder	10
MU-102	Tripod	10
MU-103	Tripod	10
PA-10T	Transformer	10

POWER AMPLIFIERS

SRP-P15	Power Amplifier	12
SRP-P20	Power Amplifier	12
SRP-P50	Power Amplifier	12
SRP-P150	Power Amplifier	13
SRP-P300	Power Amplifier	13
SRP-30MC	Monitor Remote Terminal	13
SRP-P500	Power Amplifier	13

MIXERS

SRP-X350P	Powered Mixer	14
SRP-MT300	Matching Transformer	14
SRP-X1008	Audio Mixer	15
SRP-X6004	Audio Mixer	15
SRP-X3900	Audio Mixer	16
SRP-V110	Audio Mixer	16
MU-110BK	Rack Mount Adapter	16
SRP-V316	Mixing Console	17
SRP-V324	Mixing Console	17
SRP-V332	Mixing Console	17
SRP-V340	Mixing Console	17
SRP-3PS	Power Supply Unit	17
SRP-3M	Meter Unit	17

HI-IMPEDANCE AMP

PA-A1600M	PA Amplifier	18
-----------	--------------	----

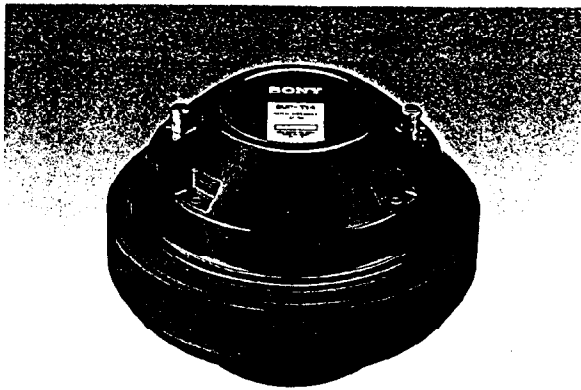
PROCESSORS & OTHERS

SRP-E100	Graphic Equalizer	19
SRP E200	Graphic Equalizer	19
SRP-L200	Compressor/Expander	19
SRP-F700	Digital Processor	20
SRP-70RK	DSP Board Kit	20
SRP-F600	Digital Processor	20
SRP-E300	Digital Equalizer	21
SRP-L300	Digital Limiter/Delay	21
SRP-FR300	Digital Feedback Reducer	22
SRP-DC5	A/D D/A Converter	22
SRP-D230	AC Power Sequencer/Conditioner	23
SRP-200VC	Volume Remote Controller	23
MU-11G	1U Front Guard	23
MU-12G	2U Front Guard	23

RECORDERS

MDS-E11	MiniDisc Recorder	24
MDS E55	MiniDisc Recorder	24
MDS-E52	MiniDisc Recorder	25
MDS-E58	MiniDisc Recorder	25
RM-D5ME	Remote Control Unit	25

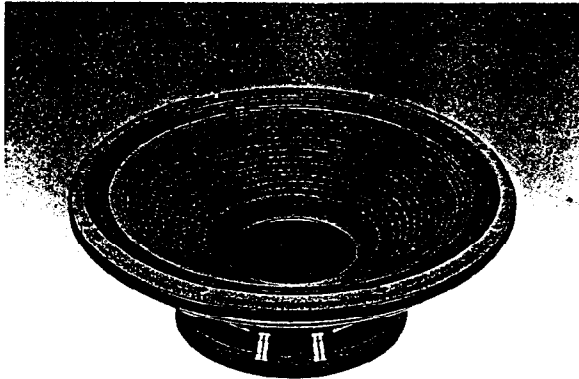
Speaker Systems & Processors



SUP-T14 Compression Driver

- 4-inch high-frequency driver for large size PA loudspeaker systems
- Superb sound quality with thin diaphragm and one piece construction, at high output levels
- For movie theater, gymnasium, concert halls etc

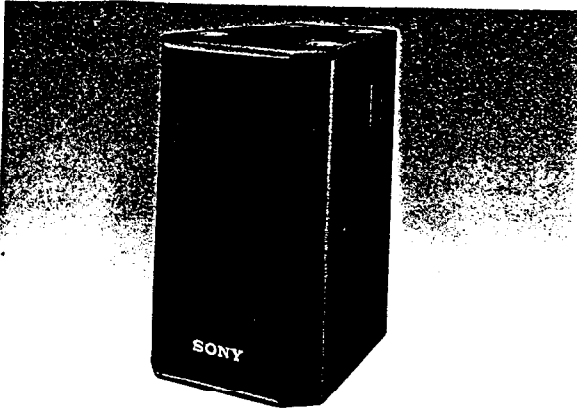
• Frequency range:	500-23,000Hz
• Rated impedance:	13Ω
• Rated input power:	50W (IEC 100h)
• Maximum input power:	150W
• Sensitivity:	112dB/W/m with horn
• Voice coil diameter:	100mm
• Diaphragm:	Titanium
• Magnet material:	Strontium ferrite
• Flux density:	20,000gauss
• Throat diameter:	49mm
• Input terminal:	Push terminal
• Dimensions:	225(diameter) / 163(depth)mm (9 inch / 6 ² / ₆ inch)
• Mass:	Approx. 12.5kg(27 lb 9 oz)



SUP-L14 Cone Woofer

- 15-inch cone-type woofer for large size PA loudspeaker systems
- Extended-length voice coil for large low frequency music program
- For movie theater, gymnasium, concert halls etc

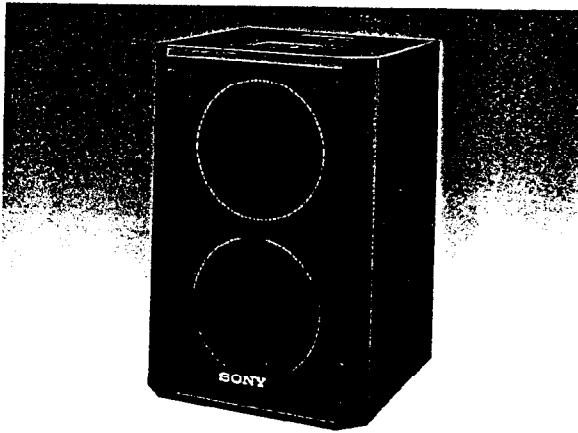
• Frequency range:	35-2,500Hz
• Rated impedance:	8Ω
• Rated input power:	600W (IEC 100h)
• Sensitivity:	98dB/W/m
• Voice coil diameter:	100mm
• Input terminal:	Push terminal
• Dimensions:	388(diameter) / 155(depth)mm (15 ¹ / ₃ inch / 6 inch)
• Mass:	Approx. 11.0kg(24 lb 4 oz)



SRP-S5000 Speaker System

- Two way PA loudspeaker system of studio monitor quality with a 38cm woofer of high durability and a 10cm of high quality compression driver
- Bi-amped system (Recommended X-over; SRP-F700)
- Neutrik Speakon for input terminal

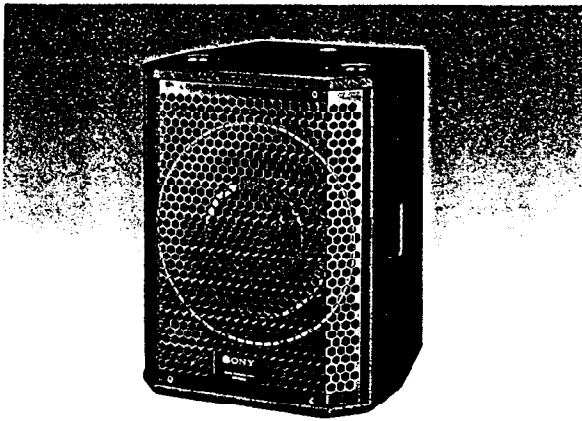
- Speaker system: 2-way speaker system, bass reflex type
- Speaker unit: Woofer: 38cm, cone type
Tweeter: 10cm diaphragm compression driver
- Rated impedance: 8Ω / L F 12.5Ω / H F
- Rated input power: 300W / L F (IEC 100h)
500W / L F (EIA 8h)
32W / H F (500Hz, 12dB/oct IEC 100h)
70W / H F (800Hz, 24dB/oct EIA 8h)
- Sensitivity: Tw 110dB/W/m, Wf 98dB/W/m
- Frequency range: 40-24,000Hz (-10dB)
- Input terminal: Neutrik Speakon NL4MPR(2)
- Dimensions: 502(W) × 587(H) × 822(D)mm
(19⁴/₈ × 23¹/₈ × 32¹/₈ inches)
- Mass: Approx. 69.0kg (152 lb 2 oz)



SRP-B5000 Sub Woofer System

- High quality sub woofer for SRP-S5000
- 15" duple woofer units of high durability
- Tri-amped system with the SRP-S5000 using SRP-F700 digital processor
- Wooden enclosure with birch

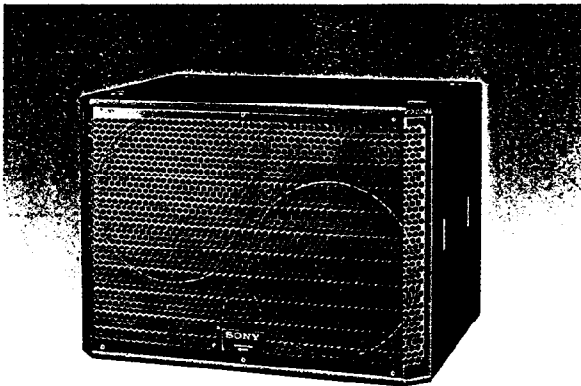
- Speaker unit: 38cm (15inch) × 2, cone type
- Rated impedance: 8Ω/unit
- Rated input power: 200W × 2 (IEC 100h)
- Maximum input power: 500W × 2
- Sensitivity level: 96dB/W/m
- Frequency range: 28-800Hz
- Input terminal: Neutrik NL4MPR(2)
- Dimensions: 700(W) × 1,020(H) × 695(D)mm
(27⁵/₈ × 40¹/₄ × 27³/₈ inches)
- Mass: Approx. 122.0kg (269 lb)



SRP-S3000 Speaker System

- Compact integrated system for SR and PA applications
- Coaxial type unit creates natural sound and accurate stereo perspective
- High sound quality tweeter of 10cm aluminum diaphragm, and high power handling 35cm diameter woofer
- High density plywood enclosure

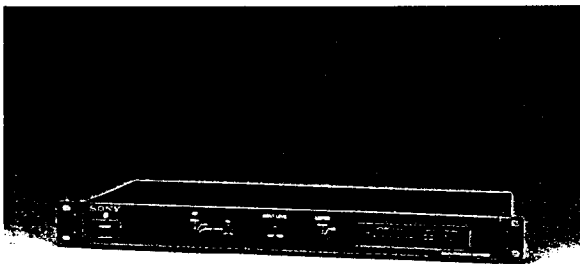
• Speaker system:	2 way speaker system
• Speaker units:	Woofer: 35cm, cone type(1) Tweeter: 10cm, horn type(1)
• Rated impedance:	Tw 12.5Ω/Wf 8Ω
• Rated input power:	1w 75W/Wf 500W
• Maximum input power:	Tw 225W/Wf 1,500W
• Sensitivity:	Tw 111dB/W/m, Wf 98dB/W/m
• Frequency range:	45-20,000Hz
• Input terminal:	Neutrik NL4MPR(1)
• Stacking output:	Neutrik NL4MPR(1)
• Dimensions:	395(W) x 510(H) x 388(D)mm (15 ³ / ₈ x 20 x 15 ¹ / ₄ inches)
• Mass:	Approx. 37.0kg(81 lb 9 oz)



SRP-B3000 Sub Woofer System

- Enhancement of low frequency for SRP-S3000 with high power handling
- High density plywood enclosure

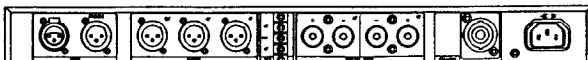
• Speaker unit:	38cm x 2
• Impedance:	8Ω x 2
• Rated Input power:	350W x 2
• Maximum input power:	1,050W
• Sensitivity level:	102dB/W/m
• Frequency range:	30-500Hz
• Input terminal:	Neutrik NL4MPR(1)
• Dimensions:	838(W) x 598(H) x 626(D)mm (33 x 23 ³ / ₈ x 24 ⁵ / ₈ inches)
• Mass:	Approx. 70kg(154 lb 6 oz)

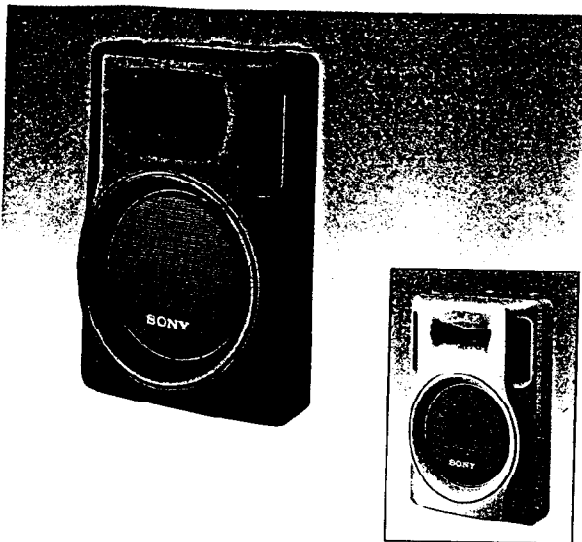


SRP-C3000 Signal Processor

- Monaural signal processor.
- Bring out the best performance of SRP-S3000/B3000 with excellent sound quality
- Crossover function bi-amped drive of SRP-S3000 or tri-amped drive of SRP-S3000/B3000
- Easy set up by using Neutrik NL4MP to speaker output

• Input:	XLR-3-31 Type(1) XLR-3-32 Type(1,stacking)
• Output:	XLR-3-32 Type(3)
• Input impedance:	10kΩ
• Load impedance:	More than 600Ω
• Sensing input terminal:	Screw type binding terminal
• Speaker output connector:	Neutrik NL4MP(1)
• Trouble status output terminal:	3p terminal
• T.H.D:	Less than 0.005% (+4dBu input)
• Noise level:	Less than -107 dBV (HF ch IHF-A input short)
• Dynamic range:	118dB
• Power requirement:	AC 230V 50/60Hz
• Dimensions:	482(W) x 44(H) x 175(D)mm (19 x 1 ³ / ₄ x 6 ⁷ / ₈ inches)
• Mass:	Approx. 3kg(6 lb 10 oz)





SRP-S1000/S1000W Speaker System (piece)

- Compact speaker for broader PA applications
- Two way loudspeaker system with a 30cm cone woofer and a compression driver
- 60 by 60 degree CD horn with 60 by 60 degree dispersion
- High sound pressure level with low distortion
- Molded enclosure with new resin
- Neutrik NL4MP for input terminal
- Optional processor SRP-C1000 and sub woofer SRP-B900 are recommended

- Speaker system: 2-way speaker system
- Speaker units: Woofer: 30cm(ø 11⁷/₈-inch)
Tweeter: compression driver
- Rated impedance: 8Ω
- Rated input power: 300W
- Maximum input power: 900W
- Sensitivity: 101.5dB/W/m
- Frequency range: 75-25,000Hz
- Input terminal: Neutrik NL4MP(1). Push terminal(1)
- Dimensions: 400(W) × 575(H) × 325(D)mm
(15³/₄ × 22³/₈ × 12¹/₈ inches)
- Mass: Approx. 19.0kg(41 lb 14 oz)

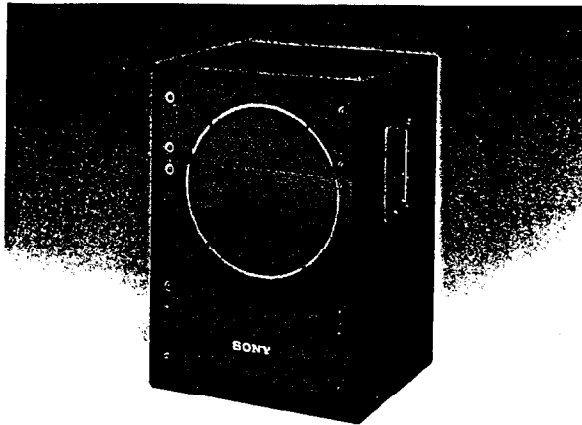


SRP-S900 Speaker System

- Compact speaker for broader PA applications
- Two way loudspeaker system with a 30cm cone woofer and a compression driver
- 60 by 60 degree CD horn with 60 by 60 degree dispersion
- Neutrik Speakon for input terminal
- Optional processor SRP-C1000 and sub woofer SRP-B900 are recommended

- Speaker system: 2-way speaker system
- Speaker unit: Woofer: 30cm
Tweeter: 3.2cm diaphragm compression driver
Horn: CD type(2.3cm throat)
- Rated impedance: 8Ω
- Rated input power: 200W
- Maximum input power: 600W
- Sensitivity: 99dB/W/m
- Frequency range: 70-25,000Hz
- Input terminals: Neutrik NL4MP(1)
Push terminal(1)
- Dimensions: 400(W) × 575(H) × 325(D)mm
(15³/₄ × 22³/₈ × 12¹/₈ inches)
- Mass: Approx. 15kg(33 lb 1 oz)

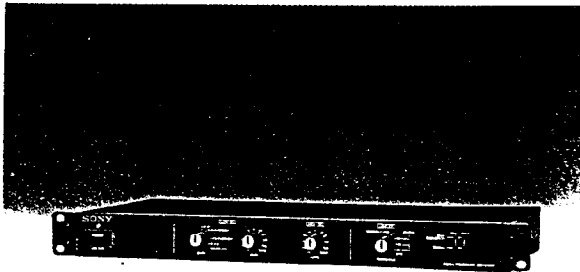




SRP-B900 Sub Woofer System (piece)

- Reinforces low frequencies of compact full range speakers
- 38cm woofer reproduces powerful and clear bass sound
- High durability rigid plywood cabinet covered with smooth texture

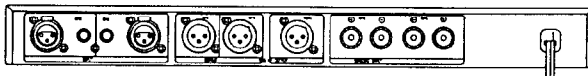
- Speaker system: 1-way speaker system, bass reflex type
- Speaker unit: 38cm (15inches) woofer x 1, cone type
- Rated impedance: 8Ω
- Rated input power: 350W
- Maximum input power: 1,050W
- Characteristic sensitivity level: 96dB/W/m
- Effective frequency range: 30-500Hz
- Dimensions: 545 (W) x 758 (H) x 453 (D) mm
(21 1/2 x 29 7/8 x 17 7/8 inches)
- Mass: Approx. 45kg (99 lb)

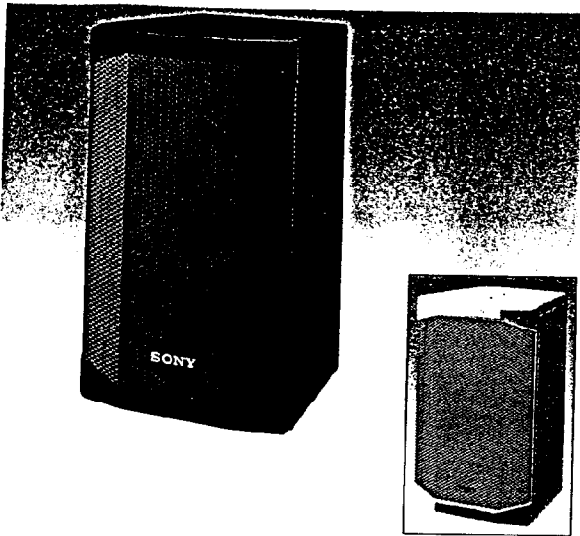


SRP-C1000 Signal Processor

- Dual channel signal processor
- Built in equalizer/limiter for SRP-S1000/S900/S420/S520/S720 speakers
- Mono-mixed output for low frequency reproduced by SRP-B900, using S1000 or S900 for mid to high frequency

- Input: XLR-3-31 type (balanced)
Phone-jack 2-pole plug (balanced), 1pole plug (unbalanced)
- Output: XLR-3-32 Type (balanced)
- Sub low output: XLR-3-32 Type (balanced mono-mix, 1ch)
- Sensing input terminal: Screw type binding terminal
- T.H.D.: Less than 0.005% (+4dBu input)
- Noise level: Less than -96dBu
- Dynamic range: 120 dB
- Equalizer: Low frequency 5-mode (Mode 1: SRP-S1000/S900
Mode 2: Speech Mode 3: SRP-S720 Mode 4: SRP-S520 Mode 5: SRP-S420)
High frequency 16kHz
More than 100dB
- S/N ratio: 230V, 120V AC(50/60Hz)
- Power requirements: 482(W) x 44(H) x 174(D)mm
(19 x 1 3/4 x 7 inches)
- Dimensions: (19 x 1 3/4 x 7 inches)
- Mass: Approx. 3kg(6 lb 10 oz)





SRP-S720/S720W Speaker System (piece)

- 110 watts rated power
- A two way full range system includes 20cm woofer and a horn-type tweeter, included in a bass-reflex enclosure, provide strong mid/bass and clear treble
- Horizontal or vertical mounting with optional bracket
- Trapezoid cabinet design with punched metal speaker grille

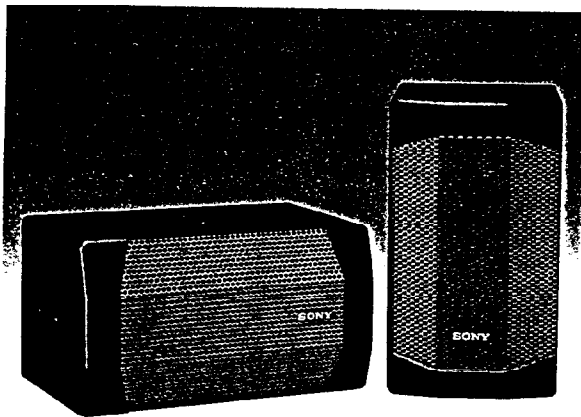
• Speaker system:	2-way speaker system
• Speaker units:	Woofer: $\phi 20\text{cm}(\phi 7\frac{7}{8}\text{-inch}) \times 1$ Tweeter: Horn $\times 1$
• Enclosure type:	Bass-reflex
• Rated impedance:	8 Ω
• Rated input power:	110W
• Maximum input power:	300W
• Sensitivity:	92dB/W/m
• Frequency range:	50-20,000Hz
• Dimensions:	280(W) \times 450(H) \times 255(D)mm (11 $\frac{1}{8}$ \times 17 $\frac{3}{4}$ \times 10 $\frac{1}{8}$ inches)
• Mass:	Approx. 8kg (17 lb 10 oz)



SRP-S520 Speaker System (pair)

- A two-way full range system in a slim vented enclosure.
- 80 watts rated power
- Includes dual 12cm woofers and a 6cm tweeter
- Horizontal or vertical mounting with optional bracket
- Trapezoid cabinet design with punched metal speaker grille

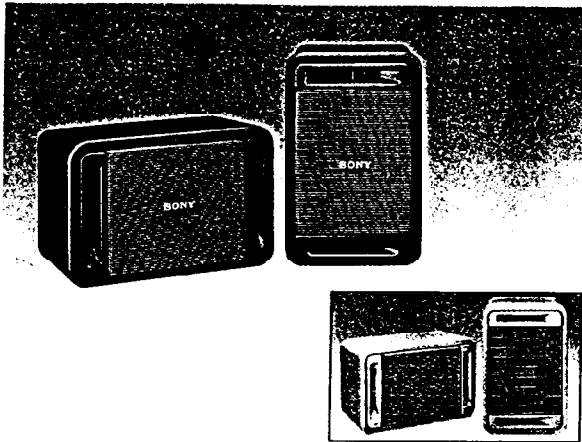
• Speaker system:	2-way speaker system
• Speaker units:	Woofer: $\phi 12\text{cm}(4\frac{3}{4}\text{-inch}) \times 2$ Tweeter: $\phi 6\text{cm}(2\frac{1}{8}\text{inch}) \times 1$
• Enclosure type:	Bass-reflex
• Rated impedance:	8 Ω
• Rated input power:	80W
• Maximum input power:	240W
• Sensitivity:	90dB/W/m
• Frequency range:	65-20,000Hz
• Dimensions:	170(W) \times 450(H) \times 215(D)mm (6 $\frac{3}{4}$ \times 17 $\frac{3}{4}$ \times 8 $\frac{1}{2}$ inches)
• Mass:	Approx. 6.6kg (14 lb 9 oz)



SRP-S420 Speaker System (pair)

- 60 watts rated power
- A two-way full range system includes a 16cm cone type woofer and a cone tweeter
- Especially suitable for vocal reproduction
- Horizontal or vertical mounting with optional bracket
- Punched metal speaker grille

• Speaker system:	2-way speaker system
• Speaker units:	Woofer: $\phi 16\text{cm}(\phi 6\frac{3}{8}\text{-inch})$ cone type $\times 1$ Tweeter: $\phi 6.0\text{cm}(\phi 3\frac{1}{8}\text{-inch})$ cone type $\times 1$
• Enclosure type:	Bass-reflex
• Rated impedance:	8 Ω
• Rated input power:	60W
• Maximum input power:	180W
• Sensitivity:	91dB/W/m
• Frequency range:	70-20,000Hz
• Dimensions:	195(W) \times 320(H) \times 230(D)mm (7 $\frac{3}{4}$ \times 12 $\frac{5}{8}$ \times 9 $\frac{1}{8}$ inches)
• Mass:	Approx. 4.5kg (9 lb 15 oz)



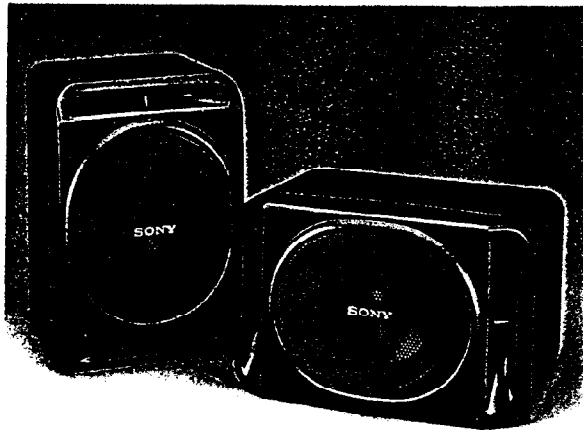
SRP-S320/S320W Speaker System (pair)

- 50 watts rated power
- A one-way full range speaker in a compact bass-reflex enclosure with twin ducts
- Molded cabinet for excellent durability and light weight

• Speaker system:	One-way speaker system
• Speaker unit:	Full range $\phi 12\text{cm}$ ($4\frac{3}{4}$ -inch) x 1
• Enclosure type:	Bass-reflex
• Rated impedance:	8 Ω
• Rated input power:	50W
• Maximum input power:	150W
• Sensitivity:	89dB/W/m
• Frequency range:	75-17,000Hz
• Dimensions:	220(W) x 144(H) x 160(D)mm ($8\frac{3}{4}$ x $5\frac{3}{4}$ x $6\frac{3}{8}$ inches)
• Mass:	Approx. 2kg(4 lb 7 oz)

SRP-S320T Speaker System

- 70V/100V version of SRP-S320
- 5W or 10W (at 70V line) , 10W or 20W (at 100V line) selectable



SRP-S31P All-weather Speaker System (pair)

- Molded waterproof polypropylene enclosure
- Every component is finished by anti-rust process
- Water-resistant loudspeaker unit which is assembled with a carbon cloth cone and anti-rust parts reproduced natural sound
- Anti-rust mounting hardware (MU-533MA) for wall or ceiling is optional

• Speaker system:	One-way speaker system
• Speaker unit:	Full range: $\phi 12\text{cm}$ ($\phi 4\frac{3}{4}$ -inch) x 1
• Enclosure type:	Bass-reflex
• Rated impedance:	8 Ω
• Rated input power:	40W
• Maximum input power:	120W
• Sensitivity:	89dB/W/m
• Frequency range:	80-14,000Hz
• Dimensions:	220(W) x 145(H) x 164(D) mm ($8\frac{3}{4}$ x $5\frac{3}{4}$ x $6\frac{1}{2}$ inches)
• Mass:	Approx. 2.3kg(5 lb 1 oz)

SRP-S31PT Speaker System

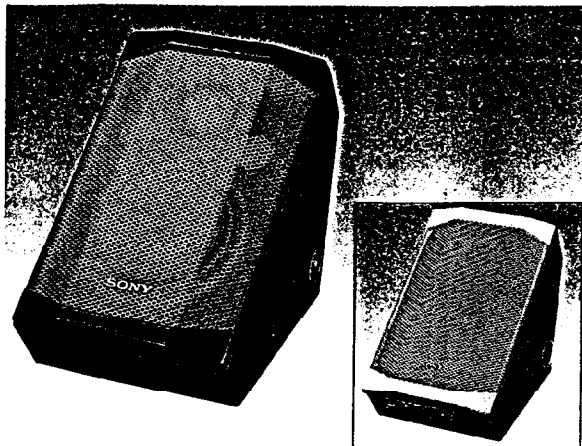
- 70V/100V version of SRP-S31P
- 5W or 10W(at 70V line), 10W or 20W(at 100V line)selectable



SRP-S30P Water-resistant Speaker System (piece)

- Molded ABS enclosure prevents soaking humidity inside
- Every component is processed by anti-rust finishing
- Moisture-resistant loudspeaker unit which is assembled with a plastic cone and anti-rust parts reproduces natural sound
- A wall bracket is supplied
- Anti-rust mounting hardware (MU-533MA) for wall or ceiling is optional

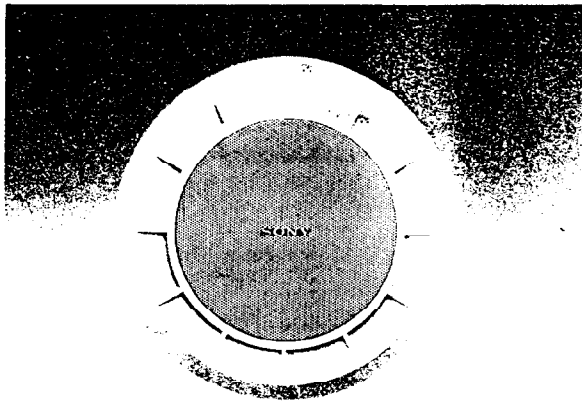
• Speaker system:	One way speaker system
• Speaker unit:	Full range: $\phi 16\text{cm}$ ($\phi 6\frac{3}{8}$ -inch) x 1
• Enclosure type:	Closed enclosure system
• Rated impedance:	8 Ω
• Rated input power:	25W
• Maximum input power:	50W
• Sensitivity:	89dB/W/m
• Frequency range:	80-15,000Hz
• Dimensions:	259(W) x 212(H) x 174(D)mm ($10\frac{1}{4}$ x $8\frac{3}{8}$ x $6\frac{7}{8}$ inches)
• Mass:	Approx. 2.3kg(5 lb 1 oz)
• Supplied accessory:	Wall Bracket(1)



SRP-S730/S730W Speaker System (piece)

- Designed for foldback speaker on a floor or wall/ceiling speaker
- Compact and light weight two-way system with a 20cm cone woofer and a horn tweeter
- 110W rated and 300W maximum input power
- Neutrik Speakon for foldback use
- Screw terminal for wall or ceiling fixed installation

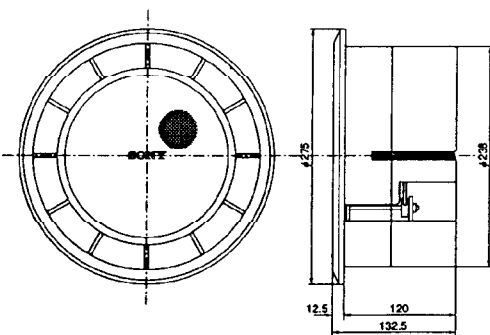
- Speaker system: 2-way speaker system, bass reflex type
- Speaker units: Woofer: 20cm
Tweeter: horn type
- Rated impedance: 8Ω
- Rated input power: 110W
- Maximum input power: 300W
- Sensitivity: 92dB/W/m
- Frequency range: 62-20,000Hz
- Input terminals: Neutrik Speakon NL4MPR(1)
Screw terminal(1)
- Dimensions: 280(W) x 450(H) x 310(D)mm
(11 x 17³/₄ x 12¹/₅ inches)
- Mass: Approx. 7.5kg(16 lb 8 oz)

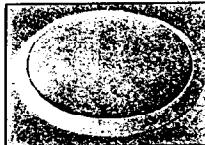
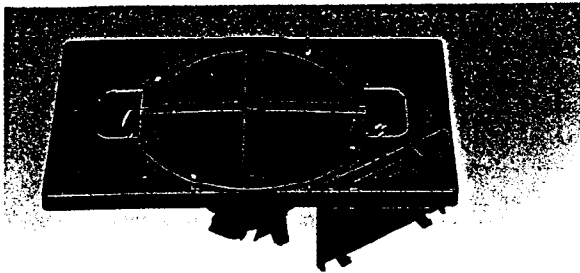


SRP-S150 Speaker System (piece)

- Ceiling speaker system and easy to install
- Molded enclosure includes 12cm diameter unit of 8 ohms
- High sound quality with durability of 50W rated input power
- Optional matching transformer PA-10T can be attached to outside of this enclosure

- Speaker system: Full-range speaker system
- Speaker unit: 12cm full-range, bass reflex type
- Rated impedance: 8Ω
- Rated input power: 50W
- Maximum input power: 150W
- Sensitivity: 89dB/W/m
- Frequency range: 80-18,000Hz
- Input terminal: Push terminal
- Diameter of hole on ceiling: 240-250mm
- Dimensions: 275(diameter) / 132.5(depth)mm
(10⁴/₅ inch / 5¹/₅ inch)
- Mass: Approx. 2.8kg(6 lb 3 oz)
- Supplied accessory: Wire(1)
- Optional matching transformer: PA-10T



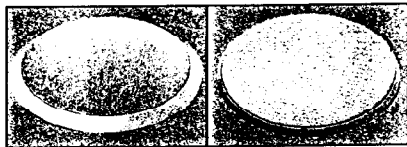
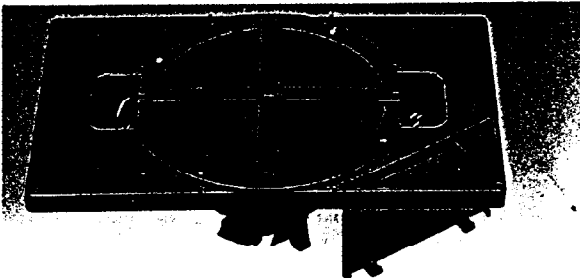


PA-F121

PA-S123 Speaker System (pair) PA-F121 Speaker Grille (pair)

- Ceiling type speaker system
- Light weight for easy mounting
- 3.3kΩ or 10kΩ impedance selectable
- Optional speaker grille PA-F121(white metal)

- Speaker system: Full-range speaker system, ceiling type
- Speaker unit: 12cm(5 inch) diameter full-range cone type
- Rated impedance: 3.3kΩ or 10kΩ
- Rated input power: 3W(3.3kΩ), 1W(10kΩ) (at 100V line)
- Sensitivity: 92dB/W/m
- Frequency range: 120-15,000Hz
- Ceiling mouting method: Spring catch, no screws used
- Installing hole diam.: 150mm diam.
- Dimensions: Square: 215 x 134mm H: 60mm (PA-S123)
- Mass: Approx. 0.57kg(1 lb 4 oz) (PA-S123)



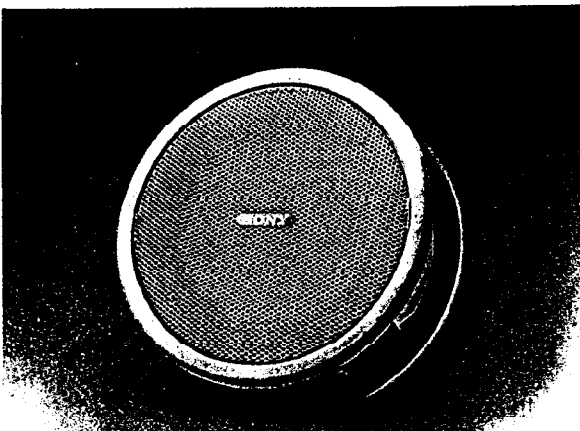
PA-F161

PA-F162

PA-S163 Speaker System (pair) PA-F161/F162 Speaker Grille (pair)

- Ceiling type speaker system
- Light weight for easy mounting
- 3.3kΩ or 10kΩ impedance selectable
- Optional speaker grilles PA-F161 (white metal) and PA-F162 (white fabric)

- Speaker system: Full-range speaker system, ceiling type
- Speaker unit: 16cm(6 1/3 inch) diameter full-range cone type
- Rated impedance: 3.3kΩ or 10kΩ
- Rated input power: 3W(3.3kΩ), 1W(10kΩ) (at 100V line)
- Sensitivity: 92dB/W/m
- Frequency range: 70-15,000Hz
- Ceiling mouting method: Spring catch, no screws used
- Installing hole diam.: 200mm diam.
- Dimensions: Square: 230 x 174mm H: 61mm (PA-S163)
- Mass: Approx. 0.62kg(1 lb 6 oz) (PA-S163)



PA-S102/S102T Speaker System (piece)

- PA-S102 low impedance-type, PA-S102T high impedance-type
- Ceiling mounting water-resistant speaker system
- Speaker unit features built a polypropylene cone and rust prevention treatment making it possible to install the unit in highly humid and damp environment

	PA-S102	PA-S102T		
Speaker system	Full-range ceiling-mounting speaker system			
Speaker Unit	12cm (5inch) diameter cone type			
Effective frequency range	80-16,000Hz	100-16,000Hz		
Rated impedance	4Ω	500Ω	1.7kΩ	5kΩ
Rated input power	10W	/UV line	10W	3W 1W
		100V line	6W	2W
Sensitivity	80dB/W/m			
Dimensions	Approx. ø180 x 76 (H) mm (ø7 1/8 x 3inches)			
Mass	Approx. 0.9kg (2 lb)	Approx. 1.3kg (2 lb 14 oz)		
Supplied accessories	Cord cap (2), Screw (4), Template (1)	Cord cap (2), Template (1)		

*500Ω can not be used at 100V line

Speaker Accessories

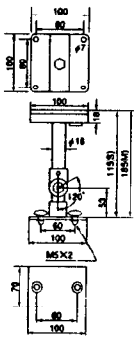
	SRP-S320/S320V	SRP-S320W	SRP-S320	SRP-S320	SRP-S720	SRP-S720W
Tripod	MU-761*					
Wall type	MU-533M	MU-534M	MU-533M / 753M		MU-753M	MU-754M
Ceiling type	MU-533S/533M	MU-534M	MU-533S / 533M / 753S / 753M		MU-753S / 753M	MU-754M

Each accessory is available in one piece.

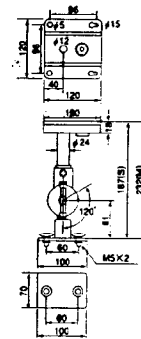
*1 The only short side of the SRP-S520 and SRP-S720 can be attached to the MU-761.

	SRP-S720	SRP-S720W	SRP-S30P	SRP-S31P/S31P1	SRP-S1000/S1000	SRP-S1000W
Tripod	-	-	-	-	MU-882	
Wall type	MU-753M	MU-754M	MU-533MA	* MU-533MA	MU-101 + MU-103	MU-101W + MU-103
Ceiling type	MU-753S/753M	MU-754M	MU-533MA	MU-533MA	MU-101 + MU-102	MU-101W + MU-102

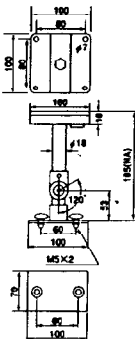
MU-533S, M (Black)
MU-534M (White)



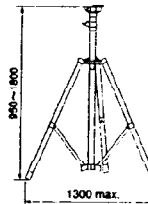
MU-753S, M (Black)
MU-754M (White)



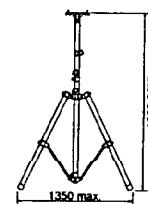
MU-533MA (Silver)



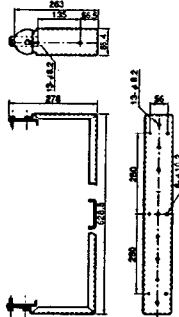
MU-761



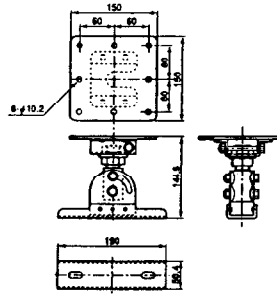
MU-882



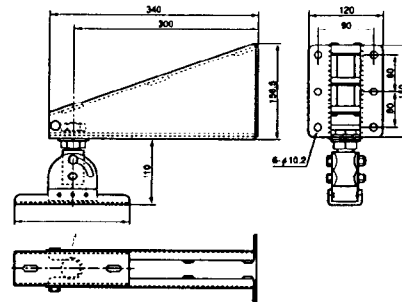
MU-101 (Black)
MU-101W (White)



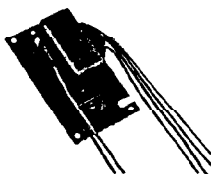
MU-102 (Black)



MU-103 (Black)



(unit: mm)



PA-10T Transformer (1 pc.)

	8Ω SPEAKER UNIT		4Ω SPEAKER UNIT	
	Impedance	Power	Impedance	Power
100V line	10kΩ	1W	5kΩ	2W
	3.3kΩ	3W	1.7kΩ	6W
	1kΩ	10W	*—	*—
70V line	10kΩ	0.5W	5kΩ	1W
	3.3kΩ	1.5W	1.7kΩ	3W
	1kΩ	5W	500kΩ	10W

*This connection is not recommended.
This unit can be attached on outside of enclosures for SRP-S320, S30P and S31P, SRP-S150

Speaker Terminals



A: Push type



F: Screw-on type



B: Phone Jack



G: NEUTRIK NL4MPR



C: XLR-3-31 type (Female)



H: NEUTRIK NL4MP



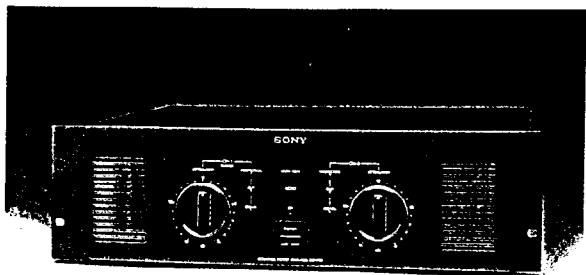
D: XLR-3-32 type (Male)



E: Fixed Cable

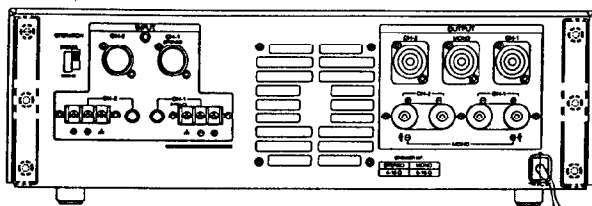
Model Name	Terminal type
SRP-S320/S320T	A
SRP-S420	A
SRP-S520	A
SRP-S720	A
SRP-S30P	E
SRP-S31P/S31P1	E
SRP-S3000	G
SRP-B3000	G
SRP-S1000	A, H
SRP-S900	A, H
SRP-B900	D, F
SRP-S730	F, G
SRP-S5000	G
SRP-B5000	G

Power Amplifiers

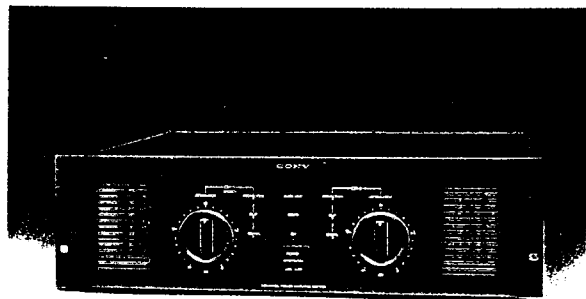


SRP-P15 Power Amplifier

- Dual-channel/mono switchable power amplifier
(stereo) 250W+250W(4Ω 1kHz)
(stereo) 150W+150W(8Ω 1kHz)
(mono) 500W(8Ω 1kHz)
- Low distortion and high S/N ratio
- SIGNAL, CLIP, OVER HEAT, PROTECTION and MONO indicators
- Neutrik NL4MP connector for speaker outputs
- XLR type, screw, phone type for input

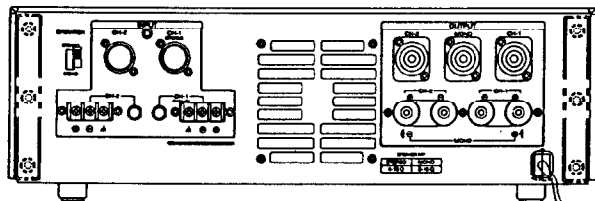


- Input: XLR-3-31 type/Barrier strips/Phone type (balanced)
- Input impedance: More than 20kΩ
- Frequency response: 20-20,000 Hz +0/-1dB
- Reference output level: +4 dBu
- Input sensitivity: 0 dBu (100W+100W, 8Ω)
- Output: Screw-on terminals, Neutrik NL4MP(3)
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 132(H) x 385(D)mm
(19 x 5 1/8 x 15 1/8 inches)
- Mass: Approx. 15kg(33 lb 2 oz)

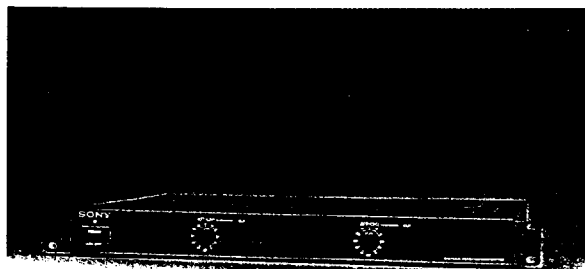


SRP-P26 Power Amplifier

- Dual-channel/mono switchable power amplifier
(stereo) 400W+400W(4Ω 1kHz)
(stereo) 250W+250W(8Ω 1kHz)
(mono) 800W(8Ω 1kHz)
- Low distortion and high S/N ratio
- SIGNAL, CLIP, OVER HEAT, PROTECTION and MONO indicators
- Neutrik NL4MP connector for speaker outputs
- XLR type, screw, phone type for input

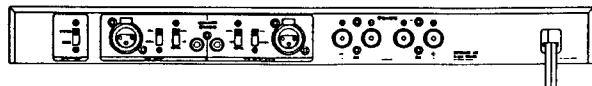


- Input: XLR-3-31 type/Barrier strips/Phone type (balanced)
- Input impedance: More than 20kΩ
- Frequency response: 20-20,000 Hz +0/-1dB
- Reference output level: +4 dBu
- Input sensitivity: 0 dBu (100W+100W, 8Ω)
- Output: Screw-on terminals, Neutrik NL4MP(3)
- Power requirement: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 132(H) x 385(D)mm
(19 x 5 1/8 x 15 1/8 inches)
- Mass: Approx. 16kg(35 lb 5 oz)

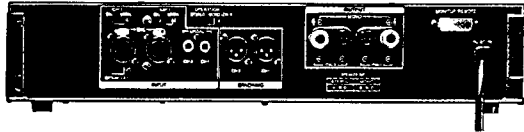
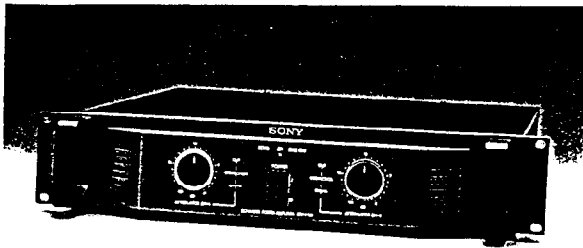


SRP-P50 Power Amplifier

- Dual-channel/mono switchable power amplifier
(stereo) 75W+75W(4Ω)
(stereo) 50W+50W(8Ω)
(mono) 150W(8Ω)
- A symmetrical circuit gives the unit a high supply voltage rejection ratio and stability
- Powerful sound is provided
- Compact 1U high cabinet



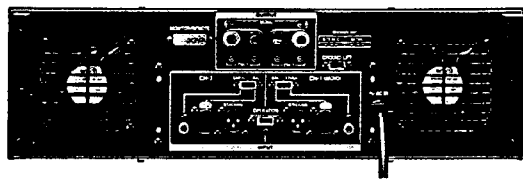
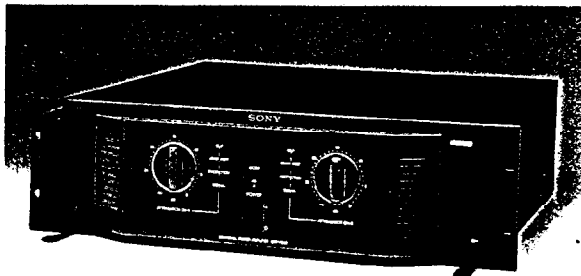
- Input: 2-channel, XLR-3-31 type (balanced)
phono type (unbalanced), selectable
- Input impedance: More than 20kΩ
- Frequency response: 20-20,000 Hz +0/-0.5dB
- Input sensitivity: 0 dBu/-10 dBu selectable (55W+55W, 1kHz 8Ω)
- Power requirement: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 44(H) x 350(D)mm
(19 x 1 3/4 x 13 7/8 inches)
- Mass: Approx. 8.0kg(17 lb 10 oz)



SRP-P150 Power Amplifier

- Dual-channel/mono switchable power amplifier
 - (stereo) 220W+220W(4Ω)
 - (stereo) 150W+150W(8Ω)
 - (monaural) 440W(8Ω)

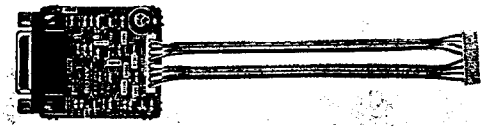
- Input: 2-channel, XLR-3-31 type (balanced) phono type (unbalanced), selectable
- Input impedance: More than 50kΩ
- Frequency response: 20-20,000 Hz ±0.5dB
- Input sensitivity: 0dBu (100W+100W, 8Ω)
- Output: Screw-on terminals
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) × 84(H) × 488(D)mm (19 × 3 1/4 × 19 1/8 inches)
- Mass: Approx. 17.0kg (37 lb 7 oz)



SRP-P300 Power Amplifier

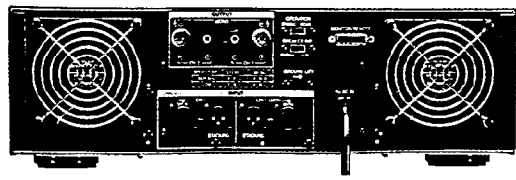
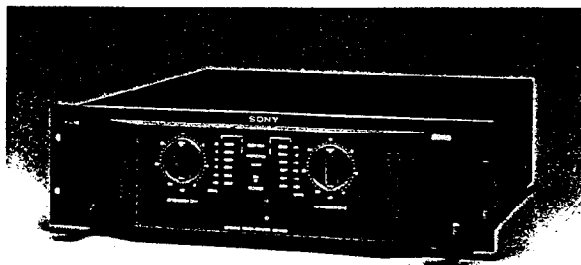
- Dual-channel/mono switchable power amplifier
 - (stereo) 450W+450W(4Ω)
 - (stereo) 300W+300W(8Ω)
 - (monaural) 900W(8Ω)

- Input: 2-channel, XLR 3-31 type (balanced) phono type (unbalanced), selectable
- Input impedance: More than 50kΩ
- Frequency response: 20-20,000 Hz ±0.5dB
- Input sensitivity: 0 dBu (100W+100W, 8Ω)
- Output: Screw-on terminals
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) × 132(H) × 488(D)mm (19 × 5 1/8 × 19 1/8 inches)
- Mass: Approx. 27.0 kg(59 lb 8 oz)



SRP-30MC Monitor Remote Terminal

- For external MUTE control of the SRP-P150/300 and monitoring of OUTPUT LEVEL and PROTECTION status (SRP-P500 includes this functions standardly)
- D-sub 15-pin

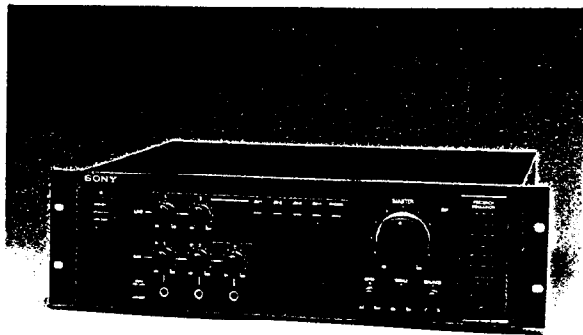


SRP-P500 Power Amplifier

- High durability and sound quality with simple circuit and reliable chassis
- Dual-channel/mono switchable power amplifier
 - (stereo) high 800W+800W(4Ω) low 300W+300W(2Ω)
 - 500W+500W(8Ω) 200W+200W(4Ω)
 - 125W+125W(8Ω)
 - (monaural) high 1,600W(8Ω) low 600W(4Ω)
 - 1,000W(16Ω) 400W(8Ω)
 - 250W(16Ω)
- Monitor/Remote terminal of D-sub 15-pin is included

- Input: XLR-3-31 type (balanced)
- Input impedance: More than 50kΩ
- Frequency response: 20-20,000Hz +0/-1dB
- Input sensitivity: 0 dBu (100W+100W, 8Ω)
- Output: Screw-on terminals
- Power requirements: AC 120V, 230V, 50/60 Hz
- Dimensions: 482(W) × 132(H) × 488(D)mm (19 × 5 1/8 × 19 1/8 inches)
- Mass: Approx. 34.0kg (74 lb 15 oz)

Mixers



SRP-X350P Powered Mixer

- 5-CH audio input with AV selector with 50W+50W (8ohms) stereo power amplifier
- Three microphone inputs and two line inputs
- One of line inputs has a AV selector with four video inputs and one phono input. One effect return input is also provided
- Have a stereo output, REC output and effect send output
- Feedback Reduction which is two-band notch filters of frequency variable, is provided
- 3U high and mountable in 19-inch standard rack

- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 132(H) x 350(D) mm
(19 x 5 1/8 x 13 7/8 inches)
- Mass: Approx. 10kg(22 lb)

Audio input jacks

	Connector	Number of circuit	Nominal level	Maximum level	Impedance
MIC IN	FRONT	Phono	3		more than 2.7kΩ
	REAR	XLR-3-31	3	-30dBu	-30dBu
LINE IN 1	FRONT		STx1	-10dBu	+10dBu
LINE IN 2	1,2,3,4		STx4		more than 10kΩ
	PHONO	Phono	STx1	2.5mV	30mV
EFFECT RETURN			STx1	-10dBu	+10dBu
POWER AMP IN			STx1	-10dBu	Sensitivity -7dBu

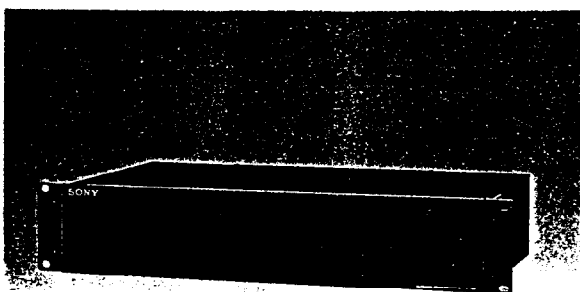
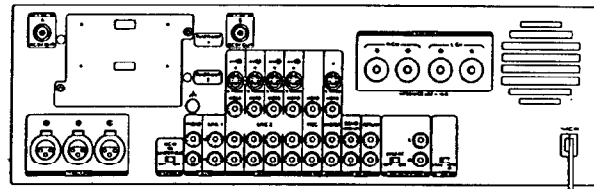
Audio output jacks

	Connector	Number of circuit	Nominal level	Maximum level	Load impedance
EFFECT SEND		1			
REC OUT	Phono	STx1	-10dBu	+10dBu	more than 10kΩ
LINE OUT		STx1			
SPEAKER OUT	Screw terminal	STx4	Rated output power: 50W+50W (8Ω, 10Hz) 50W+50W (4Ω, 10Hz)		

Video input/output connectors

	Connector	Number of circuit
VIDEO IN	Phono	4
S VIDEO IN	4 Pin mini DIN	4
VIDEO OUT	Phono	2
S VIDEO OUT	4 Pin mini DIN	1

S-Video signal and Composit signal are separated.



SRP-MT300 Matching Transformer

- 2-CH input and output
 - Maximum 150W of a power amplifier is transformed to high impedance speakers with 100V line
 - High quality sound for paging system
- note) This unit is applied to 1pc of power amplifier

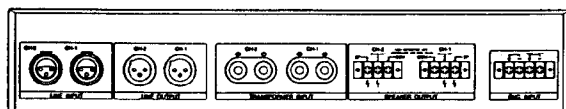
Line Input/Output(LCF)Area

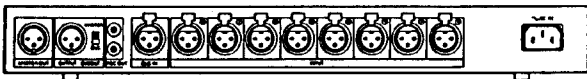
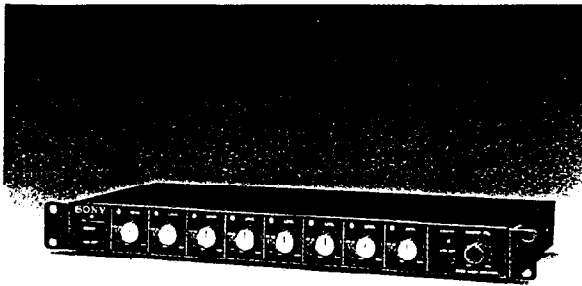
	Terminal Type	Circuit Format
Input	XLR-3-31 type	Balanced:No.1G; No.2 H; No.3 C;
Output	XLR-3-32 type	Balanced:No.1G; No.2 H; No.3 C;

Transformer Area

	Impedance	Terminal Type
Input	Conformance Amplifier impedance: 8Ω	Binding post
Output	Conformance Load Impedance: 67Ω-10kΩ	Screw type terminal

- Rated output power: 150W+150W(100V line, when connected to 150W+150W amplifier such as SRP-P15)
50W+50W(70V line, when connected to 50W+50W amplifier)
- Frequency response: 50-15,000Hz(50Hz-1.5±1dB, 15kHz-3±1.5dB)
- T.H.D: Less than 0.01%
- Dimensions: 482(W) x 88(H) x 220(D)mm
(19 x 3 1/2 x 8 2/3 inches)
- Mass: Approx. 6.3kg(13 lb 14 oz)

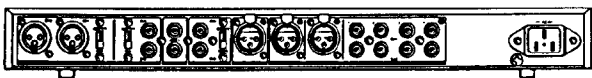
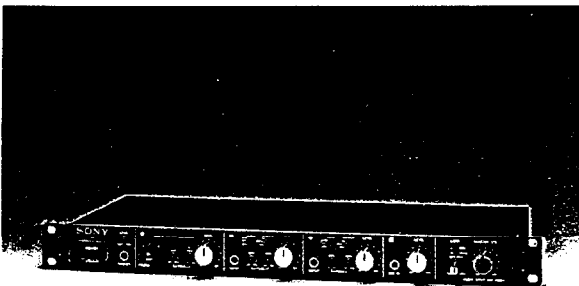




SRP-X1008 Audio Mixer

- An easy-to-use, monaural audio mixer
- 8 mic/line inputs & 1 monaural line output
- Built-in limiter to minimize distortion
- Input level selectable (MIC/MIC ATT/LINE)

- Frequency response: MIC: 20-20,000 Hz +0/-1.0dB
LINE: 20-20,000 Hz +0/-1.0dB
at MASTER OUTPUT standard output with LEVEL and MASTER VOL at -10dB
- Residual noise: MIC: -63dBu with input terminated in 150Ω
LINE: -76dBu with input short circuited
- S/N ratio: MIC: -126dBu with input terminated in 150Ω
LINE: -90dBu with input short circuited
- Harmonic distortion: MIC: 0.04%
LINE: 0.03%
at MASTER OUTPUT standard output with LEVEL and MASTER VOL at -10dB
- Limiter: Threshold level: +4dBu
Compression ratio: 2:1
Attack time: 200µs
Release time: 200ms
- Power requirement: AC 230V, 50/60Hz
- Dimensions: 430(W) x 44(H) x 175(D)mm (12 x 1 3/4 x 7 inches)
- Mass: Approx. 3.0kg(6 lb 10 oz)



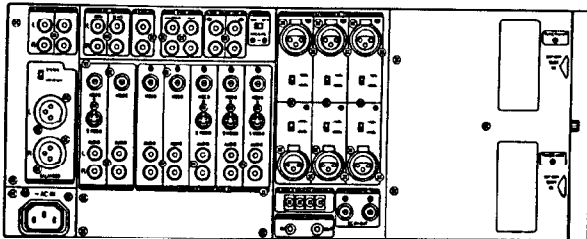
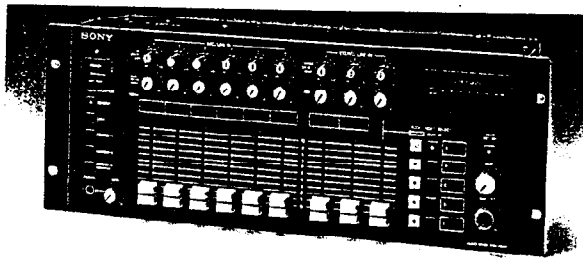
SRP-X6004 Audio Mixer

- Frequency response: 20-20,000 Hz +0.5/-1.5dB (1kHz)
- Harmonic distortion: Less than 0.05% (1 kHz Master vol -10dB, +4dBu output)
- Equivalent input noise: INPUT 2, 3 MIC -127 dBu (IHF-A)
ATT -112 dBu (IHF-A)
LINE -77 dBu (IHF-A)
INPUT 4 -127 dBu (IHF-A)
- Residual noise: Less than -100dBu (Master Vol MIN. position)
- Cross talk: Less than -60dB (1 kHz)
- Tone controls: INPUT 1 HIGH 10,000Hz±15dB (Shelving type)
LOW 100Hz±15dB (Shelving type)
INPUT 2, 3 HIGH 6,000Hz±15dB (Peaking type)
LOW 500Hz±15dB (Peaking type)
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 44(H) x 175(D)mm (19 x 1 3/4 x 7 inches)
- Mass: Approx. 2.9 kg (6 lb 6 oz)

- One stereo input, with four-way inputs selector, and three mono (2 mic/line and 1 mic) inputs. Mono input connectors are provided on both the front (phone-type) and rear (XLR-type) of the unit.
- Stereo output can provide a mixed mono output.
- A paging function is provided. This automatically reduces the gain of the stereo input by 13dB when mono input is used.
- Input channels 2 and 3 have a switchable attenuator which reduces their sensitivity to -45dBu.
- Effect return connectors (phono-type) are provided on the rear panel. The effect return connector can be used as a mixing bus input.

Input position	Connector	Number of channel	Circuit type	Reference level	Max. level	Impedance
1	Phone	Stereo 1	Unbalanced	-10dBu	+20dBu	13kΩ
2	Phone	1	Unbalanced	MIC -60dBu	-40dBu	1kΩ
	XLR-331 type	1	Balanced	ATT -45dBu	-25dBu	2.8kΩ
3	Phone	1	Unbalanced	LINE -10dBu	+10dBu	15kΩ
				MIC -60dBu	-40dBu	1kΩ
	XLR-331 type	1	Balanced	ATT -45dBu	-25dBu	2.8kΩ
4	Phone	1	Unbalanced	-60dBu	-60dBu	1kΩ
	XLR-331 type	1	Balanced			
	Phone	Stereo 1	Unbalanced	-10dBu	+20dBu	10kΩ

Input position	Connector	Number of channel	Circuit type	Reference level	Max. level	Load Impedance
Output	XLR-332 type	Stereo 1	Balanced	MASTER +4dBu	+20dBu	More than 600Ω
				BUS -10dBu	+14dBu	
	Phone	Stereo 1	Unbalanced	MASTER +4dBu	+20dBu	More than 10Ω
				REC -5dBu		
EFF SEND	Phone	1	Unbalanced	-5dBu	+20dBu	More than 10Ω
PHONES	Phones	Stereo 1	Unbalanced	-	20mW (8Ω)	More than 8Ω



- Six mic/line monaural inputs, one stereo input with an AV switcher (main and monitor outputs available) and another 2 stereo inputs are provided.
- The audio visual switcher, attached to one of the stereo inputs has BNC connectors (composite) for five inputs main and both monitor outputs. A MINI DIN connector (S-video) is also available for three inputs and a main output (not interchangeable composite and S-video).
- Using an assign switch, the six monaural inputs can be sent directly to the AUX output without the need for a Master (L.R).

SRP-X3900 Audio Mixer

AUDIO input jacks

	Connector	Number of circuit	Input level		Impedance	Circuit
			Nominal level	Maximum level		
MIC/LINE INPUT	XLR-3-31	6	-60dBu	-30dBu	10kΩ	Balanced
MIC			-10dBu	+15dBu		
STEREO LINE 1	Pin jack	Stereo 1	-10dBu	+15dBu	47kΩ	Unbalanced
STEREO LINE 2	Pin jack	Stereo 1	-10dBu	+15dBu	22kΩ	Unbalanced
STEREO LINE 3	Pin jack	Stereo 5	-10dBu	+15dBu	47kΩ	Unbalanced
BUS IN (MASTER) (AUX)	Pin jack	Stereo 1	-10dBu	+15dBu	47kΩ	Unbalanced
EXT IN		Stereo 1	-10dBu	+15dBu	47kΩ	Unbalanced
ECHO RTN	Pin jack	Stereo 1	-10dBu	+15dBu	47kΩ	Unbalanced

AUDIO output jacks

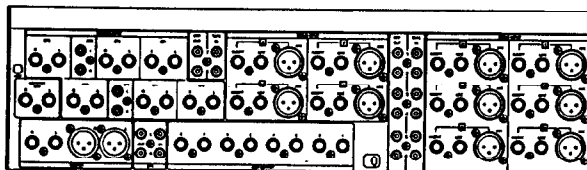
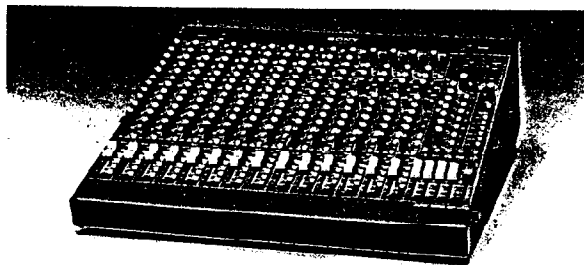
	Connector	Number of circuit	Input level		Load Impedance	Circuit
			Nominal level	Maximum level		
MASTER OUTPUT	XLR-3-31	Stereo 1	+4dBu	+24dBu	More than 600Ω	Balanced
Balanced			-5dBu	+15dBu		
UNBALANCED			-5dBu	+15dBu	More than 5kΩ	Unbalanced
MONITOR OUT	Pin jack	Stereo 1	-5dBu	+15dBu	More than 5kΩ	Unbalanced
AUX OUT	Pin jack	1	-5dBu	+15dBu	More than 5kΩ	Unbalanced
REC OUT	Pin jack	Stereo 1	-5dBu	+15dBu	More than 5kΩ	Unbalanced
ECHO SEND	Pin jack	2	-5dBu	+15dBu	More than 5kΩ	Unbalanced
HEADPHONE MONITOR	Pin jack	Stereo 1	6.3mm jack	50mW	More than 8kΩ	Unbalanced

VIDEO input/output connectors

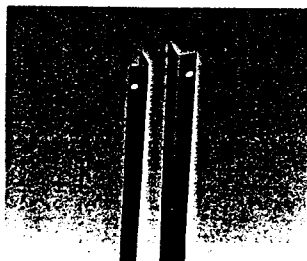
	Connector	Number of circuit	Rated Input/Output level	Impedance
S VIDEO IN	4 PIN MINI DIN	3	Y:1Vp-p, C:0.286Vp-p	75Ω
VIDEO IN	BNC	5	1Vp-p	75Ω
MASTER S VIDEO OUT	4 PIN MINI DIN	1	Y:1Vp-p, C:0.286Vp-p	75Ω
MASTER VIDEO OUT	BNC	5	1Vp-p	75Ω
MONITOR VIDEO OUT	BNC	5	1Vp-p	75Ω

*1 S-Video signal and Composit signal are separated.

- Power requirement: AC 230V 50/60Hz
- Dimensions: 482(W) x 176(H) x 100(D)mm (19 x 7 x 4 inches)
- Mass: Approx. 6kg (13 lb 4 oz).



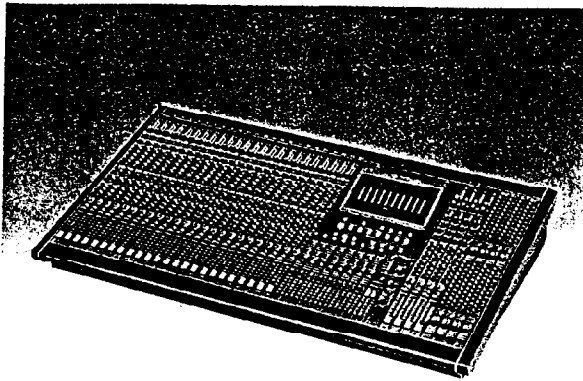
MU-110BK



SRP-V110 Audio Mixer

- 10-mono input (1-8 mono input has tape input connector of pin jack type)
- Monitor function (using AUX1-2) for 1-8 mono input
- 4-stereo input and 4-stereo sub-input
- 8-AUX output (switchable knobs between 5-6 and 7-8)
- 8-subgroup output (4-stereo faders are equipped for master) and L/R master output
- 3-band EQ for mono & stereo input
- 9U 19-inch rack mountable
- MU-110BK optional rack mount adapter
- Equivalent input noise: Less than -129dBu (MIC input -60dBu)
- Residual noise: Less than -95dBu (MASTER out)
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 430(W) x 120(H) x 396(D)mm (17 x 4 3/4 x 15 5/8 inches)
- Mass: Approx. 8.7kg (19 lb 3 oz)

	Type of connector	Type of circuit	Reference level	Maximum level	
MONO INPUT	MIC	XLR-3-31 type	Balanced	-60 - -10dBu	-37 - +13dBu
	LINE	Phone jack		-40 - -10dBu	-17 - +30dBu
	TAPE INPUT	Pin jack	Unbalanced	-10dBu	+13dBu
	INSERT INPUT	Phone jack	Unbalanced	-3dBu	+20dBu
	INSERT OUTPUT			-3dBu	+20dBu
STEREO INPUT	1-4	Phone jack	balanced	-10/+4dBu	+13/+27dBu
	5, 7	Pin jack	Unbalanced	-10dBu	+30dBu
	6, 8	Phone jack	Unbalanced	-10dBu	+30dBu
AUX OUTPUT	Phone jack	Unbalanced	+4dBu	+20dBu	
GROUP/DIRECT OUTPUT	Pin jack	Unbalanced	-10dBu	+10dBu	
2TR	INPUT	Pin jack	Unbalanced	-10dBu	+30dBu
	OUTPUT	Pin jack	Unbalanced	-10dBu	+10dBu
STEREO OUTPUT		XLR-3-32 type	balanced	+4dBu	+24dBu
	INSERT INPUT	Phone jack	Unbalanced	-6dBu	+20dBu



Audio Mixing Console

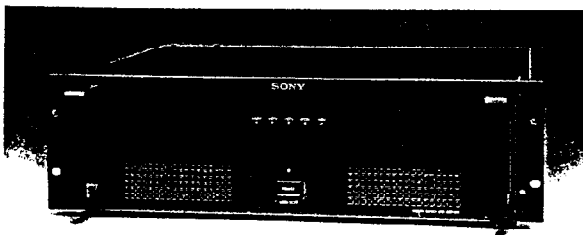
SRP-V316 16-mono Input
SRP-V324 24-mono Input
SRP-V332 32-mono Input
SRP-V340 40-mono Input

- Sophisticated circuit design providing high input headroom, crosstalk performance and rigid construction
- 4 stereo input supplied to each input version
- 8 matrix outputs in addition to output buses of 8 groups, 8 AUX sends, an L/R and a monitor
- Mono and stereo is equipped with 2-type connector of input
- Each mono channel features low-cut filter with sweepable cut-off frequency between 20-400 Hz

*Please note optional SRP-3PS Power Supply Unit is required for using SRP-V316/V324/V332/V340.

- Equivalent input noise: Less than -128dBu (MONO INPUT LEVEL control -60dBu, terminated at 150 Ω , 20-20,000Hz)
- Residual noise: -100dBu (STEREO/GROUP/MATRIX, MASTER fader/control- ∞ , 20-20,000Hz)
 -95dBu (AUX, MASTER control- ∞ , 20-20,000Hz)
 -85dBu (STEREO/GROUP, MASTER fader 0, Channel fader - ∞ , 24ch assign, 20-20,000Hz)
- CMRR: More than 80dB (MONO INPUT LEVEL control -60dBu, 1,000Hz)
- Crosstalk: Less than -100dB (Between MONO INPUT adjoining channels, 1,000Hz)
 Less than -100dB (STEREO/GROUP OUTPUT adjoining channels, 1,000Hz)
 Less than -80dB (Between STEREO INPUT L and R, 1,000Hz)
- Dimensions, mass: SRP-V316 1140(W) x 236(H) x 806(D)mm (45 x 9 $\frac{3}{8}$ x 31 $\frac{1}{8}$ inches), Approx. 47kg (103 lb 10 oz)
 SRP-V324 1387(W) x 236(H) x 806(D)mm (54 $\frac{5}{8}$ x 9 $\frac{3}{8}$ x 31 $\frac{1}{8}$ inches), Approx. 57kg (125 lb 10 oz)
 SRP-V332 1634(W) x 236(H) x 806(D)mm (64 $\frac{3}{8}$ x 9 $\frac{3}{8}$ x 31 $\frac{1}{8}$ inches), Approx. 67kg (147 lb 11 oz)
 SRP-V340 1881(W) x 236(H) x 806(D)mm (74 $\frac{1}{8}$ x 9 $\frac{3}{8}$ x 31 $\frac{1}{8}$ inches), Approx. 77kg (169 lb 12 oz) (Width/height/depth excluding protrusion)
- Supplied accessories: Lamp attachment (2) (SRP-V332/V340 only)

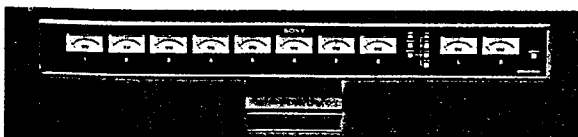
	Type of connector	Type of circuit	Reference level	Maximum level	Impedance	Rated load impedance	
MONO INPUT	INPUT A MIC	XLR-331 type	balanced	-60 - -20dBu	30 - +10dBu	5k Ω	
	INPUT A LINE			-26 - +4dBu	6 - +24dBu	5k Ω	
	INPUT B	Phone jack	balanced	-10/+4dBu	+10/+26dBu	10k Ω	
	INSERT OUTPUT	Phone jack	unbalanced	-8dBu	+22dBu	22 Ω	600 Ω or more
	INSERT INPUT	Phone jack	unbalanced	-8dBu	+22dBu	100k Ω	-
	DIRECT OUTPUT	Phone jack	unbalanced	+1dBu	+21dBu	22 Ω	600 Ω or more
STEREO INPUT	INPUT A	XLR-331 type	balanced	-26 - +4dBu	6 - +24dBu	10k Ω	
	INPUT B	Phone jack	unbalanced	-10dBu	+10dBu	100k Ω	
AUX OUTPUT		XLR-332 type	balanced	+4dBu	+24dBu	22 Ω	600 Ω or more
GROUP OUTPUT		XLR-332 type	balanced	+4dBu	+24dBu	22 Ω	600 Ω or more
	INSERT OUTPUT	Phone jack	unbalanced	-8dBu	+22dBu	22 Ω	600 Ω or more
	INSERT INPUT	Phone jack	unbalanced	-8dBu	+22dBu	100k Ω	-
STEREO OUTPUT		XLR-332 type	balanced	+4dBu	+24dBu	22 Ω	600 Ω or more
	INSERT OUTPUT	Phone jack	unbalanced	-8dBu	+22dBu	22 Ω	600 Ω or more
	INSERT INPUT	Phone jack	unbalanced	-8dBu	+22dBu	100k Ω	-
MONITOR OUTPUT		XLR-332 type	balanced	+4dBu	+24dBu	22 Ω	600 Ω or more
	HEAD PHONE	Phone jack	unbalanced	-	0.1W-0.1W	-	8 Ω or more
MATRIX OUTPUT		XLR-332 type	balanced	+4dBu	+24dBu	22 Ω	600 Ω or more
	SUB INPUT	Phone jack	balanced	+4dBu	+26dBu	10k Ω	-
TALKBACK	MIC INPUT	XLR-332 type	balanced	-50dBu	-20dBu	5k Ω	-



SRP-3PS Power Supply Unit

- Power supply unit for the SRP-V300 Mixing console series

- Power Requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 132(H) x 350(D)mm (19 x 5 $\frac{1}{8}$ x 13 $\frac{7}{8}$ inches)
- Mass: Approx. 21.0kg (46 lb 5 oz)

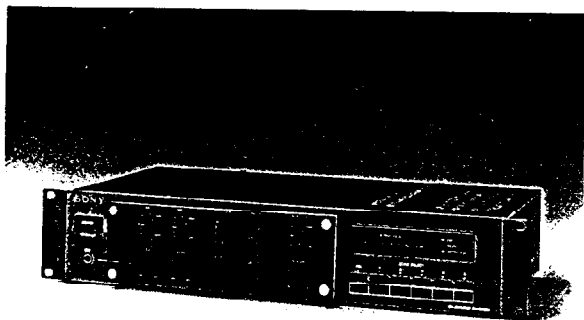
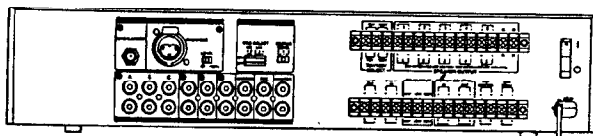
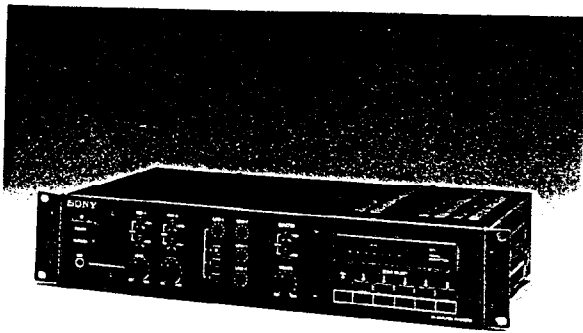


SRP-3M Meter Unit

- Meter unit for the SRP-V300 Mixing console series

- Dimensions: 790(W) x 141.5(H) x 84(D)mm (31 $\frac{1}{8}$ x 5 $\frac{5}{8}$ x 3 $\frac{3}{8}$ inches)
- Mass: Approx. 3.9kg (8 lb 9 oz)
- Supplied accessories: Connecting cable 1.5m (2)
 Lamp attachment (2)

Hi-impedance Amp



Front panel guard PA-160G

PA-A1600M PA Amplifier

- Monaural 60W power amplifier with low noise and high sound quality, with speaker output impedances of 4Ω, 82Ω (70V line) and 170Ω (100V line)
- Master and micbus outputs enable the user to expand the system by cascading connections to several units.
- Two microphone inputs and three line inputs are provided.
- The paging function, which reduces the BGM sound level automatically, facilitates the broadcast of clear announcements and messages. By changing an internal setting, the input priority which activates the paging function can be changed. A three-position muting level switch is provided for this paging function.
- The amplifier has the EMG (emergency) speaker input terminal which receives signals from external emergency alarm system and connects them directly to the 100V or 70V line speaker output.
- The PA-160G Front Guard which covers input adjustment knobs and selectors, is available as an option to protect against inadvertent operation.

- Frequency response: 50-20,000Hz dB (100V line, at 1W output, line input)
20-20,000Hz dB (at MASTER output, line input)
- Signal to noise ratio: MIC more than 63dB (IHF-A)
LINE more than 80dB (IHF-A)
- Tone control: MIC 1, 2 LOW 440Hz±12dB
HIGH 7,000Hz±12dB
MASTER LOW 100,000Hz±12dB
HIGH 10,000Hz±12dB
- Residual noise: Less than -53dBu (IHF-A, 100V line, load impedance 170 ohms)
- Dimensions: Approx. 482(W) × 68(H) × 220(D)mm
(19 × 3 1/2 × 8 2/3 inches)
- Mass: Approx. 8kg (17 lb 10 oz)
- Power requirement: 230V AC, 50/60Hz
- Optional accessory: Front panel guard PA-160G

Inputs

Connector	Type of connector	Reference input level	Maximum input level	Input impedance	Type of circuit
MC 1	Front	-54dBu	-30dBu	10kohms or more	unbalanced
	Rear				
MC 2 (equipped with level selector)	XLR-3-31 type	-10dBu	+10dBu	10kohms or more	balanced
		-54dBu	-30dBu		
LINE 1	A	-10dBu	+8dBu	10kohms or more	unbalanced
	B				
	C				
LINE 2	phono jack x 2 (monaural)	-10dBu	+8dBu	10kohms or more	unbalanced
LINE 3					
LINE 4					

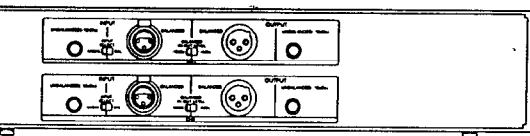
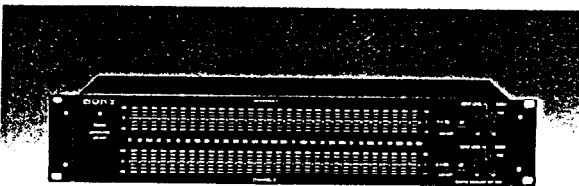
Outputs

Connector	Type of connector	Reference output level	Maximum output level	Rated load impedance	Type of circuit
MICBUS	phono jack x 2 (monaural)	-10dBu	+14dBu	1kohms or less	unbalanced
REC					
MASTER					

Speaker outputs

Terminal	Type of terminals	Number of circuits	Rated output
4Ω SP OUT	Screw type binding terminal	1	60W (less than 1% T.H.D at 1 kHz)
70V line (83ohms)		5channels	
100V line (170ohms)		5channels	

Processors



SRP-E100 Graphic Equalizer SRP-E200

- 31-band, 1/3 octave equalizer for the frequency range between 20Hz and 20kHz
- Low harmonic distortion less than 0.02% and S/N ratio of 100dB
- Adjustable input gain (-10dB to +10dB)
- Output indicator and low cut filter
- SRP-E100 is 1-CH input and output, E200 is dual-channel input and output

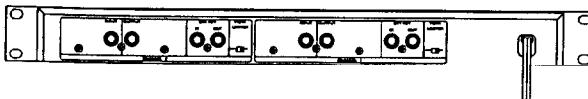
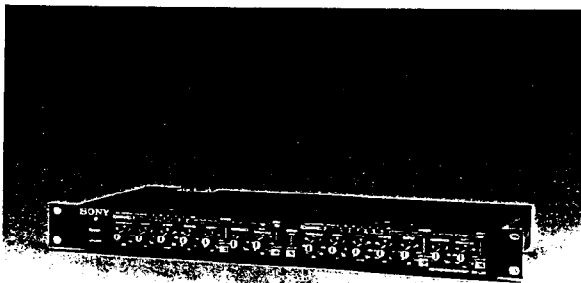
Inputs

Item	Balanced	Unbalanced
Type	XLR-3-31 type	Phone jack
Input impedance	10kΩ	
Reference input level	+4dBu/-10dBu	-10dBu
Max. input level	+20dBu/+6dBu	+6dBu
Adjustable range	±10dB (for the reference input)	

Outputs

Item	Balanced	Unbalanced
Type	XLR-3-32 type	Phone jack
Output impedance	100kΩ	470Ω
Reference output level	+4dBu/-10dBu	-10dBu
Max. output level	+20dBu/+6dBu	+6dBu
Load impedance	More than 600Ω	More than 10kΩ

- Equalizer: 31 bands, 1/3 octave step (20-20,000Hz)
- Frequency response: 20-20,000Hz +0/-0.8dB (EQ flat, LCF off)
- Harmonic distortion: Less than 0.02% (EQ flat, at 20 20,000Hz, reference input)
- Dynamic range: More than 116dB
 - E100
 - E200
- Power requirements: AC 120V, 230V, 50/60Hz AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 44(H) x 175(D)mm 482(W) x 88(H) x 175(D)mm
(19 x 1 3/4 x 7 inches) (19 x 3 1/2 x 7 inches)
- Mass: Approx. 3.0kg (6 lb 10 oz) Approx. 4.5kg (9 lb 15 oz)



SRP-L200 Compressor/Expander

- Dual channel input/output with Link function
- Peak limiter to protect clip of digital recorder by high level
- Upward and downward expander (gate) to expand dynamic range or to make creative sound
- Advanced harmonics function for natural sound

- Inputs: (Phone jack)
+4dBu/+24dBu, 80kΩ, balanced
- Outputs: (Phone jack)
+4dBu/+24dBu, 1kΩ, balanced
- Key in: (Phone jack)
-3dBu/+17dBu, 10kΩ, unbalanced
- Key out: (Phone jack)
-3dBu/+17dBu, 120kΩ, unbalanced

ELECTRIC CHARACTERISTICS

- Frequency response: 20-20,000Hz (+0.5/-1.0dB)
- T.H.D.: Less than 0.05%
- S/N ratio: More than 94dB

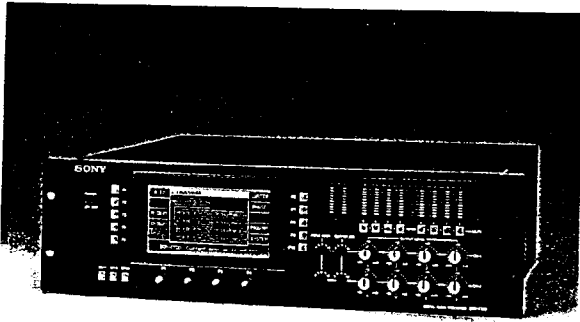
COMPRESSOR/EXPANDER

- Threshold: -40dBu - +20dBu
- Compression ratio: 1.1 - ∞:1
- Attack time: 0.1 - 200msec
- Release time: 50msec - 4sec

GATE (DOWNWARD EXPANDER)/PEAK LIMITER

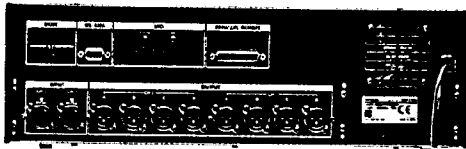
- Gate threshold: ∞ - -10dBu
- Peak limiter threshold: 10dB above to compressor threshold level

- Power Requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 44(H) x 175(D)mm
(19 x 1 3/4 x 7 inches)
- Mass: Approx. 3.0kg (6 lb 10 oz)

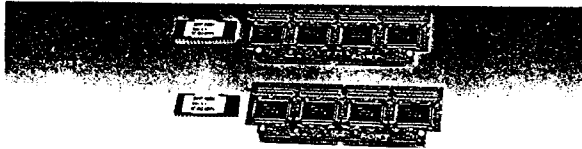


SRP-F700 Digital Audio Processor

- Dual-channel digital processor
- 96kHz sampling and 20-bit linear AD/DA
- 4-mode for channel dividing 1 mode for distribution
- Variable crossover frequency with three filter types and slopes for mode B and C
- Horn equalization by high shelving filter
- Channel delay for loudspeaker time alignment
- Up to 20-program can be memorized for each mode



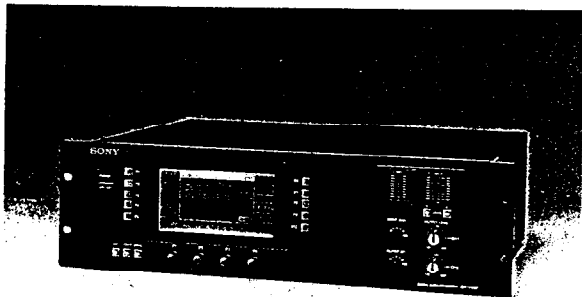
- Input: XLR-3-31 type (balanced)
- Reference input level: +4dBu
- Maximum input level: +24dBu
- Input impedance: 10k Ω
- Input gain control range: 0 to +15dB (in 3dB steps, for adjusting headroom)
- Output: XLR-3-32 type (balanced)
- Reference output level: +4dBu
- Maximum output level: +24dBu
- Output impedance: Less than 100 Ω
- AD/DA conversion: 20-bit linear, 96kHz sampling
- Number of basic modes: 5
- Frequency response: 20-20,000Hz, +/-0.5dB (THRU output)
10-40,000Hz, +0.5dB, -3dB (THRU output)
- Dynamic range: More than 96dB (IHF-A against digital full scale, <20 kHz)
- Minimum delay time: Approx. 450 μ S (with Mode A, B, C and E, set the delay time to zero)
Approx. 3mS (with Mode D, set the delay time to zero)
- Remote connectors: RS-422A (D-sub 9-pin, female-type, mm screws)
Parallel Remote (D-sub 25-pin, female-type, mm screws) MIDI IN/THRU
- Number of memories: 100 (20 per each mode)
- Power requirement: 230V AC, 50/60Hz
- Dimensions: 482(W) x 132(H) x 360(D)mm (19 x 5 1/8 x 14 1/8 inches)
- Mass: approx. 12.5kg (27 lb 9 oz)



SRP-70BK DSP Board Kit

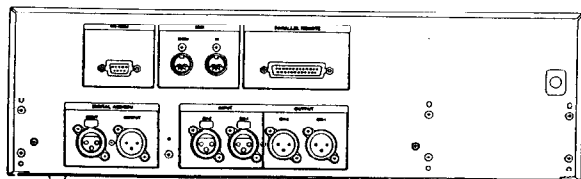
This expands the functions of SRP-F700

- Band equalizer to 121-band in Mode B
- Notch filter of Mode C to 31-band
- 4-way output systems in Mode D

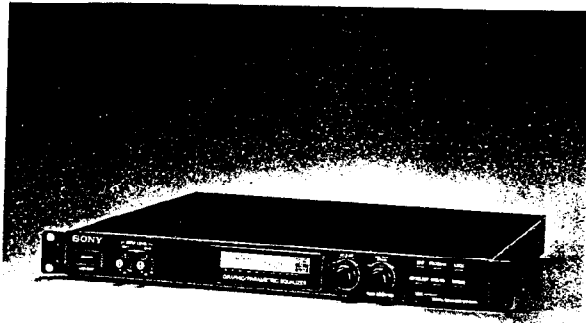


SRP-F600 Digital Audio Processor

- Dual channel digital processor
- 3-mode for different filtering
- Automatic feedback detection & filtering with notch filter, 4-band PEQ, limiter & delay (Mode A)
- 6-band PEQ, limiter & delay as well as manual notch filter (Mode B)
- 31-band GEQ with limiter & delay (Mode C)
- 3U 2-CH Analog I/O & digital I/O of AES/EBU
- 48 kHz sampling and 20-bit linear AD/DA

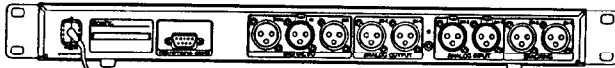


- Analog input: XLR type, +4dBu, Max. +24dBu, 10k Ω or more
- Input gain control area: 0-+15dBu(3dB steps)
- Analog output: XLR type, +4dBu, Max. +24dBu, 100 Ω or more
- Load impedance: 600 Ω or more
- Digital I/O: AES/EBU
- AD/DA Conversion: 20-bit linear, 48kHz sampling
- Frequency response: 20-20,000Hz +0.5/-3dB
- T.H.D: Less than 0.03%
- Dynamic range: More than 105dB
- Minimum signal delay time: 1msec
- Remote connectors: RS-422A(D-sub 9-pin, female-type, mm screws)
Parallel remote (D-sub 25-pin, female-type, mm screws) MIDI IN/THRU
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 132(H) x 360(D)mm
(19 x 5 1/8 x 13 7/8 inches)
- Mass: Approx. 10.2kg (22 lb 8 oz)

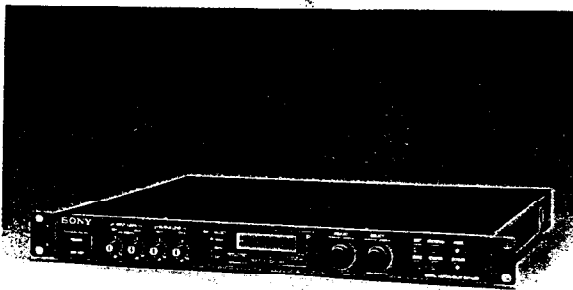


SRP-E300 Digital Equalizer

- Dual channel digital equalizer
- 10-band parametric equalizer and 29-band graphic equalizer operate simultaneously or individually
- Limiter and noise gate functions are provided
- 20-bit linear AD/DA converter with 48kHz sampling frequency
- Both analog and AES/EBU I/O
- RS-232C interface for external remote operation

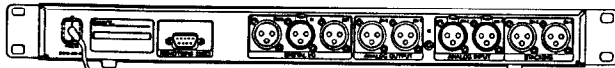


- Graphic equalizer: 29-band, 25-16,000Hz, 1/3 oct steps
Q=4.3, 7.0 constant, switchable
- Parametric equalizer: 10-band, 20-20,000Hz, 1/2 oct steps
Q=0.31 to 19.4(37points)
- Analog input: XLR type, +4dBu, Max. +24dBu, 33kΩ
- Analog output: XLR type, +4dBu, Max. +24dBu, 600Ω or more
- Analog stacking: XLR type
- Digital input/output: XLR type, AES/EBU format
- Digital through: XLR type
- AD/DA Conversion: 20-bit linear, 48kHz sampling
- Frequency response: 20-20,000Hz +0/-1dB
- T.H.D.: Less than 0.01%
- Dynamic range: More than 105dB
- RS-232C remote terminal: D-sub, 9-pin
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) × 44(H) × 350(D)mm
(19 × 1 7/8 × 13 7/8 inches)
- Mass: Approx. 4.7kg (10 lb 6 oz)

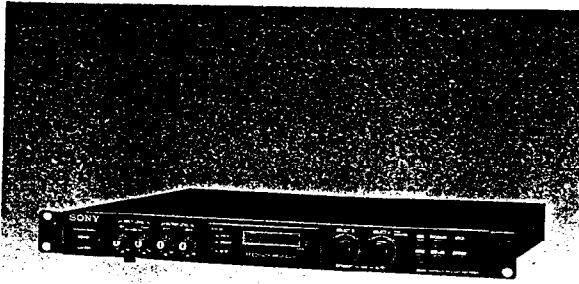


SRP-L300 Digital Limiter/Delay

- Dual channel digital limiter and delay with three modes
 - ① Dynamics Mode
Compressor/Expander/Limiter/Gate/Single Delay
 - ② Limiter Mode
Limiter/Single Delay
This limiter has a function of Soft Clipper without delay only provided with digital processing
 - ③ Tap Delay Mode
No. of tap: 48 Pre-delay: max. 400ms
Tap: adjustable level & LPF, max. 400ms
- Limiter/compressor for PA/SR and broadcast applications
- Single(20.8 μ sec.step) and multi-tap delay for PA/SR and video editing applications
- Up to 20-program can be memorized
- 2-CH analog I/O and digital I/O of AES/EBU provided
- Sample rate converter of 32-48kHz to 48kHz for digital input



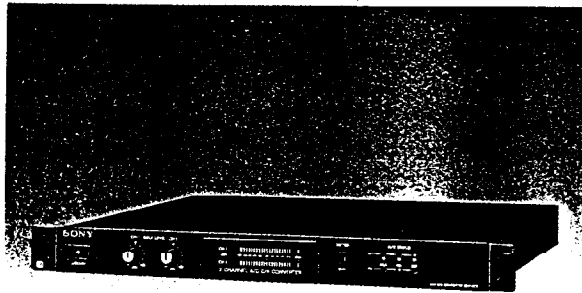
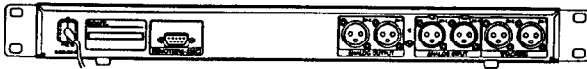
- Analog input: XLR type, +4dBu, Max. +24dBu, 33kΩ
- Analog output: XLR type, +4dBu, Max. +24dBu, 600Ω or more
- Analog stacking: XLR type
- Digital input/output: AES/EBU
- Digital through: XLR type
- AD/DA Conversion: 20-bit linear, 48kHz sampling
- Frequency response: 20-20,000Hz +0/-1dB
- T.H.D.: Less than 0.01%
- Dynamic range: More than 105dB
- Minimum signal delay time: 1.416 msec
- RS-232C remote terminal: D-sub, 9-pin
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) × 44(H) × 350(D)mm
(19 × 1 7/8 × 13 7/8 inches)
- Mass: Approx. 4.7kg (10 lb 6 oz)



SRP-FR300 Digital Feedback Reducer

- Dual channel digital feedback reducer
- Total 20 digital notch filters per channel for feedback reducing
- 15-filter for static and 5-filter for dynamic
- 20-bit linear AD/DA convertes with 48kHz sampling frequency
- 52-bit digital signal processing
- RS-232C interface for external remote operation

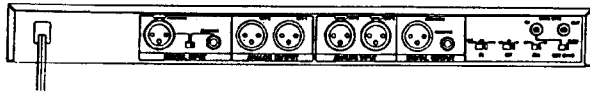
- Analog input: XLR type, +4dBu, Max. +24dBu, 33k Ω
- Analog output: XLR type, +4dBu, Max. +24dBu, 600 Ω or more
- Analog stacking: XLR type
- AD/DA conversion: 20-bit linear, 48kHz sampling
- Frequency response: 20-20,000Hz +0/-1dB
- T.H.D.: Less than 0.01%
- Dynamic range: More than 105dB
- Minimum signal delay time: 1.416 msec
- RS-232C remote terminal: D-sub, 9-pin
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 44(H) x 350(D)mm
(19 x 1 $\frac{3}{4}$ x 13 $\frac{7}{8}$ inches)
- Mass: Approx. 4.7kg (10 lb 6 oz)

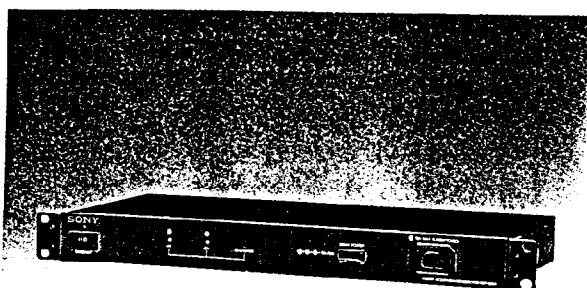


SRP-DC5 A/D D/A Converter

- Dual channel 2-CH A/D and D/A converter
- 24-bit A/D and 20-bit D/A for high S/N ratio
- AES/EBU and Coaxial (IEC958)
- External word clock I/O terminal
- 20-segment LED level meter for A/D or D/A
- Sampling rate converter for D/A input excluding jitter

- A/D
- Analog input: XLR type, balanced, Max. +24dBu
 - Digital output: AES/EBU, Coaxial(IEC958)
24-bit linear conversion
16/20/24-bit word length
44.1/48kHz sampling frequency
More than 113dB(A-weight)
- D/A
- Digital input: AES/EBU, Coaxial(IEC958)
20-bit linear conversion
24-bit word length acceptable
32-48kHz sampling frequency
 - Analog output: XLR type, balanced, Max. +24dBu
 - Signal to noise ratio: More than 118dB(A-weight)
 - Power requirements: AC 120/230V(Automatic select), 50/60Hz
 - Dimensions: 482(W) x 44(H) x 350(D)mm
(19 x 1 $\frac{3}{4}$ x 13 $\frac{7}{8}$ inches)
 - Mass: Approx. 6.0kg (13 lb 4 oz)
 - Supplied accessory: Plug adaptor (from European 230V to 120V type)(1)



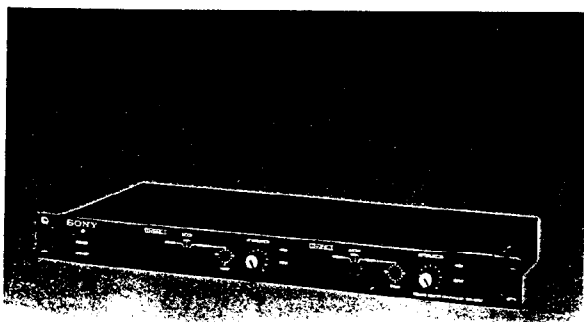


SRP-D230 Power Sequencer/Conditioner

- Ten AC power supply outlets(8 switched and 2 un-switched)
- Line noise filter and sequential switching available
- External remote control or main/satellite operation of multiple units is possible
- Input terminal from emergency equipment to control this unit
- Control-S output connectors for Sony's projector and roop through from input to output

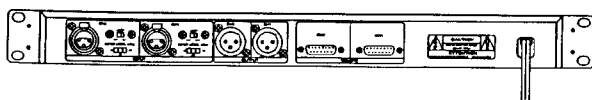


- Outlet
- Terminal form: IEC320 type
 - Number of outlets:
 - [Switched] A-line=5
B-line=3
 - [Un switched] C-line=2(Front side:1/Rear side:1)
 - Rated current: Total 16 A MAX(13.5A in UK/HK)
10 A MAX/each outlet
- Delay sequence
- Turn-on time: A-line=Approx 1 sec
B-line=Approx.2 sec
 - Turn-off time: A-line=Approx.7 sec*
B-line=Approx.1 sec
- Emergency turn-off: No wait
- * Can be remodeled to 2 min by Sony's dealer
 - REMOTE Port
 - Input type: Make contact/Open collector(Active Low)
 - Output type: Open collector
 - Power requirement: AC 230V, 50/60Hz
 - Dimensions: 482(W) x 44(H) x 175(D)mm
(19 x 1 3/4 x 7 inches)
 - Mass: Approx. 2.7kg (5 lb 15 oz)



SRP-200VC Volume Remote Controller

- Dual channel input and output
- Line and mic audio level are externally controlled with built-in VCA
- 3-mode for remote control
 - ① Local: with knobs on front panel
 - ② Remote 1: with variable resistors such as fader
 - ③ Remote 2: with switches in 16-step
- +48V phantom power is supplied to each input



- Input: XLR-3-31 type (balanced)
- Reference input level: +4dBu/-10dBu/-50dBu (switchable)
- Output: XLR-3-32 type (balanced)
- Reference output level: +4dBu
- Frequency response: 20-20,000Hz +0.1/-0.5dB
- T.H.D: Less than 0.05%
- S/N ratio: More than 94dB
- Remote terminal: D-sub 15 female millimeter screws
- Power requirement: AC 230V, 50/60Hz
- Dimensions: 482(W) x 44(H) x 175(D)mm
(19 x 1 3/4 x 7 inches)
- Mass: Approx. 3.0kg (6 lb 10 oz)



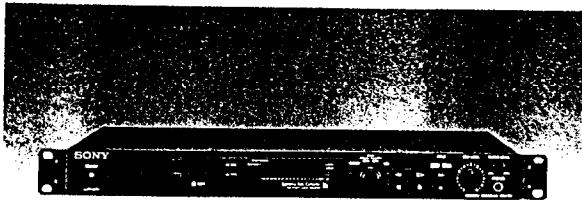
MU-11G Front Guard MU-12G Front Guard

- Clear panels to guard front surface of PA equipment
- Dimensions:

MU-11G: 1U high	MU-12G: 2U high
480(W) x 43(H) x 22(D)mm (18 7/8 x 1 3/8 x 7/8 inches)	480(W) x 87(H) x 22(D)mm (18 7/8 x 3 3/8 x 7/8 inches)
- Mass: Approx. 0.1kg (0 lb 4 oz) Approx. 0.2kg (0 lb 7 oz)

MiniDisc Recorders

- Wide bit stream for superb sound quality
- Sampling rate converter allows digital dubbing from DAT recordings
- Editing functions of ERASE/COMBINE/DIVIDE/MOVE/TITLE and UNDO
- Playback functions of SFARCH/AUTO-PAUSE/REPEAT/SHUFFLE and PROGRAM
- Recording functions of CD SYNC/TIME-MACHINE and MONAURAL RECORDING
- Continuous recording or playback can be performed by multiple usage of MDS-E11. Long time recording or playback is possible



- Sony wired Control-S terminal
- Parallel remote terminal (MDS-E11/E55)* and RS-232C (MDS-E11/E52)
- Digital I/O of optical (E52/E55/E58) and coaxial (E11/E52/E58)
- XLR analog I/O in the E11 and E52
- Mountable in standard 19-inch rack
- Remote commander RM-D7M is supplied
- Optional wired remote RM-D5ME
- SCMS is available in the MDS-E11/E52/E55 and E58

* There is a different way of the parallel remote between the E11 and E55

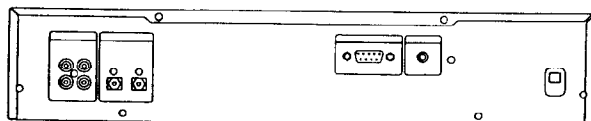
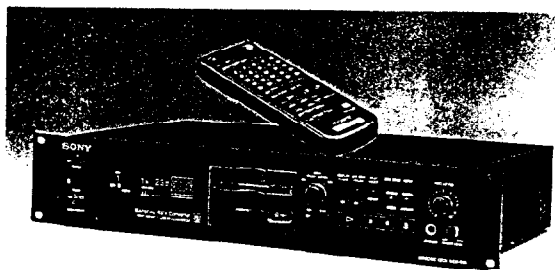
MDS-E11 MiniDisc Recorder

INPUT	Connector	Impedance	Reference Level	Maximum Input
Analog	XLR	More than 10kΩ	+4dBu	+24dBu
	Phono	47kΩ	-4dBu	+12dBu
Digital	Coaxial	75kΩ	0.5Vp-p±20%	

OUTPUT	Connector	Output Level	Load Impedance
Phones	Stereo Phone	0-10mW (variable)	32Ω
Analog	XLR	Max. +10/+24dBu	More than 600Ω
	Phono	Max. +8dBu (50kΩ)	More than 10kΩ
Digital	Coaxial	0.5Vp-p	75Ω

- Format: MiniDisc digital audio system
- Disc: MiniDisc
- Laser: Semiconductor laser
Emission duration: continuous
- Laser output: Less than 44.6μW
- Laser diode properties: Material: GaAlAs
- Revolutions: 400rpm to 900rpm
- Error correction: Advanced cross interleave reed solomon code (ACIRC)
- Sampling frequency: 44.1kHz
- Coding: Adaptive transform acoustic coding (ATRAC)
- Modulation system: EFM
- Wow and flutter: Below measurable limit
- Frequency response: 5-20,000Hz ±0.5dB
- Dynamic range: 97dB digital/92dB analog
- S/N Ratio: 96dB digital/92dB analog
- Number of channel: 2-channel
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 44(H) x 350(D)mm
(19 x 1 3/4 x 14 inches)
- Mass: Approx. 5.3kg (11 lb 11 oz)
- Supplied accessory: Remote Commander RM-D7M (1)

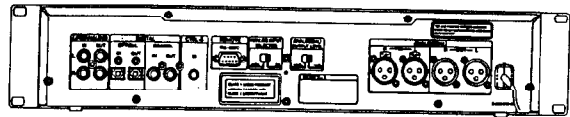
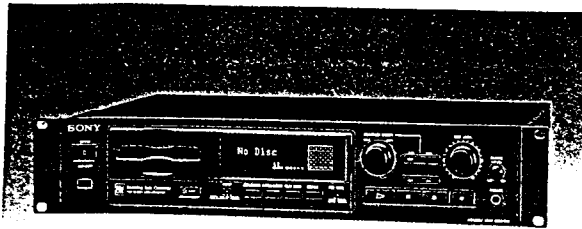
MDS-E55 MiniDisc Recorder



INPUT	Connector	Impedance	Reference Level	Maximum Input
Analog	Phono	47kΩ	-4dBu	+12dBu
Digital	Optical	Wave length 660nm		

OUTPUT	Connector	Output Level	Load Impedance
Phones	Stereo Phone	0-10mW (variable)	32Ω
Analog	Phono	Max +8dBu (50kΩ)	More than 10kΩ
Digital	Optical	Optical Power -18dBm	Wave length 660nm

- Format: MiniDisc digital audio system
- Disc: MiniDisc
- Laser: Semiconductor laser
Emission duration: continuous
- Laser output: Less than 44.6μW
- Laser diode properties: Material: GaAlAs
- Revolutions: 400rpm to 900rpm
- Error correction: Advanced cross interleave reed solomon code (ACIRC)
- Sampling frequency: 44.1kHz
- Coding: Adaptive transform acoustic coding (ATRAC)
- Modulation system: CFM
- Wow and flutter: Below measurable limit
- Frequency response: 5-20,000Hz ±0.3dB
- Dynamic range: 97dB digital/92dB analog
- S/N Ratio: 96dB digital/92dB analog
- Number of channel: 2-channel
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) x 88(H) x 285(D)mm
(19 x 3 1/2 x 11 1/4 inches)
- Mass: Approx. 3.9kg (8 lb 7 oz)
- Supplied accessory: Remote Commander RM-D7M (1)

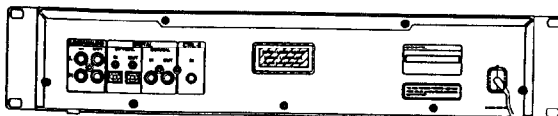


MDS-E52 MiniDisc Recorder

INPUT	Connector	Impedance	Reference Level	Maximum Input
Analog	XLR	20k Ω	+4dBu	+24dBu
	Phono	47k Ω	-4dBu	+12dBu
Digital	Optical	Wave length 660nm		
	Coaxial	75k Ω	0.5Vp-p \pm 20%	

OUTPUT	Connector	Output Level	Load Impedance
Phones	Stereo Phone	0-10mW (variable)	32 Ω
Analog	XLR	Max. +10/+24dBu	More than 600 Ω
	Phono	Max. +8dBu (20k Ω)	More than 10k Ω
Digital	Optical	Optical power -18dBm	Wave length 660nm
	Coaxial	0.5Vp-p	75 Ω

- Format: MiniDisc digital audio system
- Disc: MiniDisc
- Laser: Semiconductor laser
Emission duration: continuous
- Laser output: Less than 44.6 μ W
- Laser diode properties: Material: GaALAs
- Revolutions: 400rpm to 900rpm
- Error correction: Advanced cross interleave reed solomon code (ACIRC)
- Sampling frequency: 44.1kHz
- Coding: Adaptive transform acoustic coding (ATRAC)
- Modulation system: EFM
- Wow and flutter: Below measurable limit
- Frequency response: 5-20,000Hz \pm 0.3dB
- Dynamic range: 97dB digital/92dB analog
- S/N Ratio: 96dB digital/92dB analog
- Number of channel: 2 channel
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) \times 88(H) \times 285(D)mm
(19 \times 3 1/2 \times 11 1/4 inches)
- Mass: Approx. 4kg (8 lb 13 oz)
- Supplied accessory: Remote Commander RM-D7M (1)

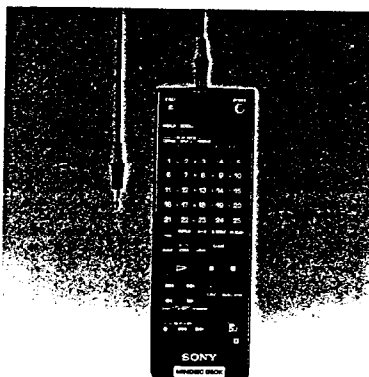


MDS-E58 MiniDisc Recorder

INPUT	Connector	Impedance	Reference Level	Maximum Input
Analog	Phono	47k Ω	-4dBu	+12dBu
Digital	Optical	Wave length 660nm		
	Coaxial	70k Ω	0.5Vp-p \pm 20%	

OUTPUT	Connector	Output Level	Load Impedance
Phones	Stereo Phone	0-10mW (variable)	32 Ω
Analog	Phono	Max. +8dBu (20k Ω)	More than 10k Ω
Digital	Optical	Optical power -18dBm	Wave length 660nm
	Coaxial	0.5Vp-p	75 Ω

- Format: MiniDisc digital audio system
- Disc: MiniDisc
- Laser: Semiconductor laser
Emission duration: continuous
- Laser output: Less than 44.6 μ W
- Laser diode properties: Material: GaALAs
- Revolutions: 400rpm to 900rpm
- Error correction: Advanced cross interleave reed solomon code (ACIRC)
- Sampling frequency: 44.1kHz
- Coding: Adaptive transform acoustic coding (ATRAC)
- Modulation system: EFM
- Wow and flutter: Below measurable limit
- Frequency response: 5-20,000Hz \pm 0.3dB
- Dynamic range: 97dB digital/92dB analog
- S/N Ratio: 96dB digital/92dB analog
- Number of channel: 2-channel
- Power requirements: AC 120V, 230V, 50/60Hz
- Dimensions: 482(W) \times 88(H) \times 285(D)mm
(19 \times 3 1/2 \times 11 1/4 inches)
- Mass: Approx. 4kg (8 lb 13 oz)
- Supplied accessory: Remote Commander RM-D7M (1)



RM-D5ME Remote Control Unit

Optional wired remote control unit for MDS-E11/E55/E52/E58

©1998 Sony Corporation. All rights reserved.
Reproduction in whole or in part without written permission is prohibited.
Features and specifications are subject to change without notice.
All non-metric weights and measures are approximate.
Dimensions are without including projecting parts.
Sony is a registered trademark of Sony Corporation.
All other trademarks are property of their respective owners.
Neutrik and Speakon are registered trademarks of Neutrik Ltd.
OdBu : 0.775V

Distributed by