

# SONY®



## Audio Mixer **SRP-V200**

The versatile Sony SRP-V200. Six stereo inputs, four mono inputs, four mixing buses and a full range of operational features combined in a single, compact unit. Use the parallel control port to interface with a video editing system, and the SRP-V200 provides the audio facilities for A/V post production.



Built-in VCAs and 4-channel pre-view switching are controlled via a parallel interface, making the SRP-V200 very versatile and flexible in small to medium sized video editing systems.

Four mixing-bus outputs support 4-track, A/B roll editing and a Fader Start function is available to control CD players or audio recorders.

With its six stereo and four mono inputs, the SRP-V200 can also be used for A/B/C roll\* editing.

From recording tracks to editing the master tape, the SRP-V200 provides all the audio functions required for the complete post production process.

\* A/B/C roll video editing is possible by utilizing all six stereo and four mono channels of the SRP-V200 to connect the 4-track outputs from three playback VTRs and a record VTR.

## Main Features

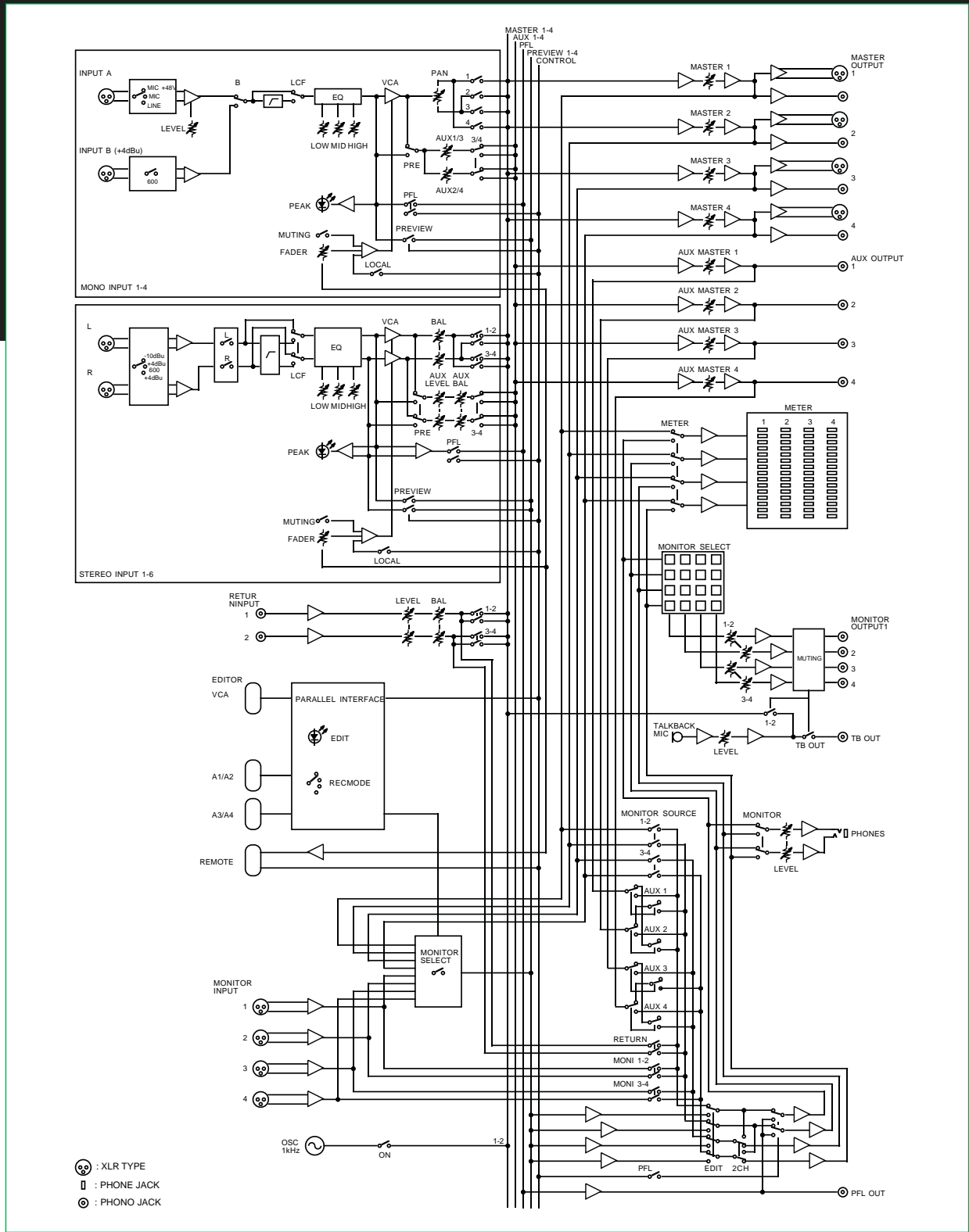
1. Four mono inputs with Mic/Line A/Line B selection, six stereo line inputs and two Effect Returns.
2. 3-band equalization and a low-cut filter on each input channel.
3. External power supply (DC 48V) on the four mono input channels for direct connection of professional condenser microphones.
4. PFL (Pre Fader Listening) function for monitoring each input channel signal.
5. Fader Start function on each input channel.
6. Four-track audio A/B roll editing with VTRs. Combining the stereo and mono input channels also allows A/B/C roll editing.
7. 4-channel pre-view bus supports both fixed and free recorder assignment, and is easily configured. Four recorder modes are available: Fixed Recorder Assignment 2CH, Fixed Recorder Assignment 4CH, Free Recorder Assignment 2CH and Free Recorder Assignment 4CH. (See below chart for recorder modes.)
8. A 4 x 4 monitor matrix switcher provides total monitoring flexibility, allowing any monitor or pre-view bus to be routed to any combination of monitoring outputs.
9. Versatile control from Sony editing controllers provides full control of monitoring functions as well as audio cuts and crossfades.
10. Built-in 1 kHz oscillator for level adjustment and recording line-up tone.
11. TB Master and TB Out buttons route the internal talk-back microphone to the Line outputs and the TB output.
12. Supplied rack mounting adaptors allow the SRP-V200 to be mounted into a 19-inch rack.
13. Optional table kit MU-200TK provides convenient desk-top operation.

### Recorder modes

MODE		CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	CH9	CH10
VTRs in Fixed Recorder Mode (2CH)	NO.							VTR1	VTR2	VTR3	VTR4
	AUDIO CH							A1-A2	A1-A2	A1-A2	A1-A2
VTRs in Fixed Recorder Mode (4CH)	NO.	VTR1	VTR1	VTR1	VTR1	VTR2	VTR2	VTR3	VTR3	VTR4	VTR4
	AUDIO CH	A1	A2	A3	A4	A1-A2	A3-A4	A1-A2	A3-A4	A1-A2	A3-A4
VTRs in Free Recorder Mode (2CH)	NO.							VTR1	VTR2	VTR3	VTR4
	AUDIO CH							A1-A2	A1-A2	A1-A2	A1-A2
VTRs in Free Recorder Mode (4CH)	NO.	VTR1	VTR1	VTR1	VTR1	VTR2	VTR2	VTR3	VTR3	VTR4	VTR4
	AUDIO CH	A1	A2	A3	A4	A1-A2	A3-A4	A1-A2	A3-A4	A1-A2	A3-A4



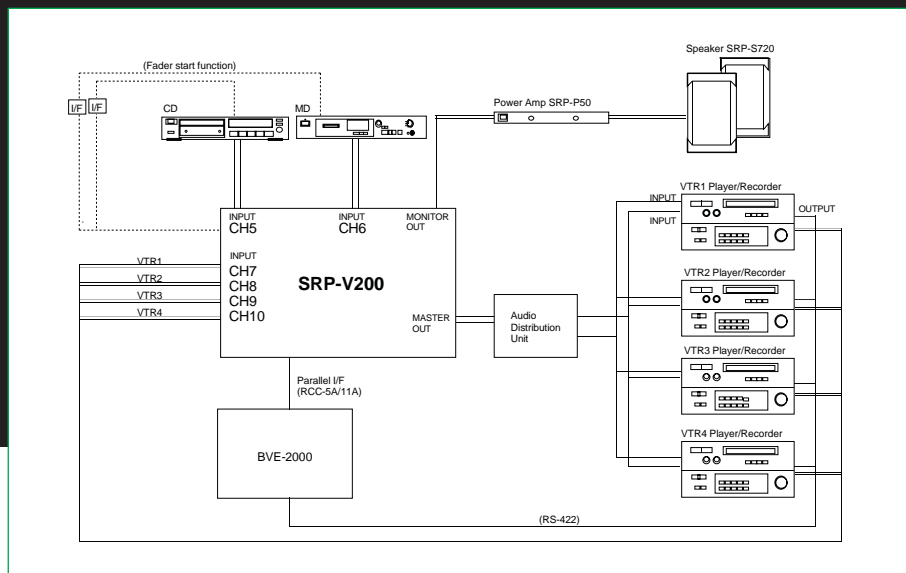
# Block Diagram



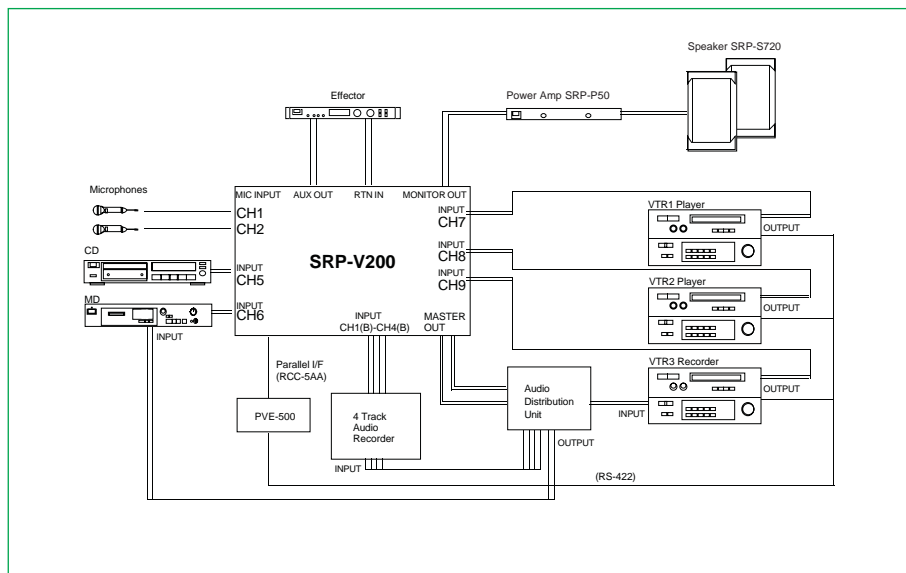
# Rear Panel



## 2CH Free Rec A/B/C Roll Editing System



## 2CH Fixed Rec Editing & Small Post Pro System



Pin assignment of A1/A2, A3/A4 terminal

Pin NO.	A1/A2	A3/A4
1	A2-A	A4-A
2-4	-	-
5	A1-A	A3-A
6	A1-B	A3-B
7	A1-C	A3-C
8	A1-D	A3-D
9-13	-	-
14	A2-B	A4-B
15	A2-C	A4-C
16	A2-D	A4-D
17	-	-
18	GND	GND
19-25	-	-

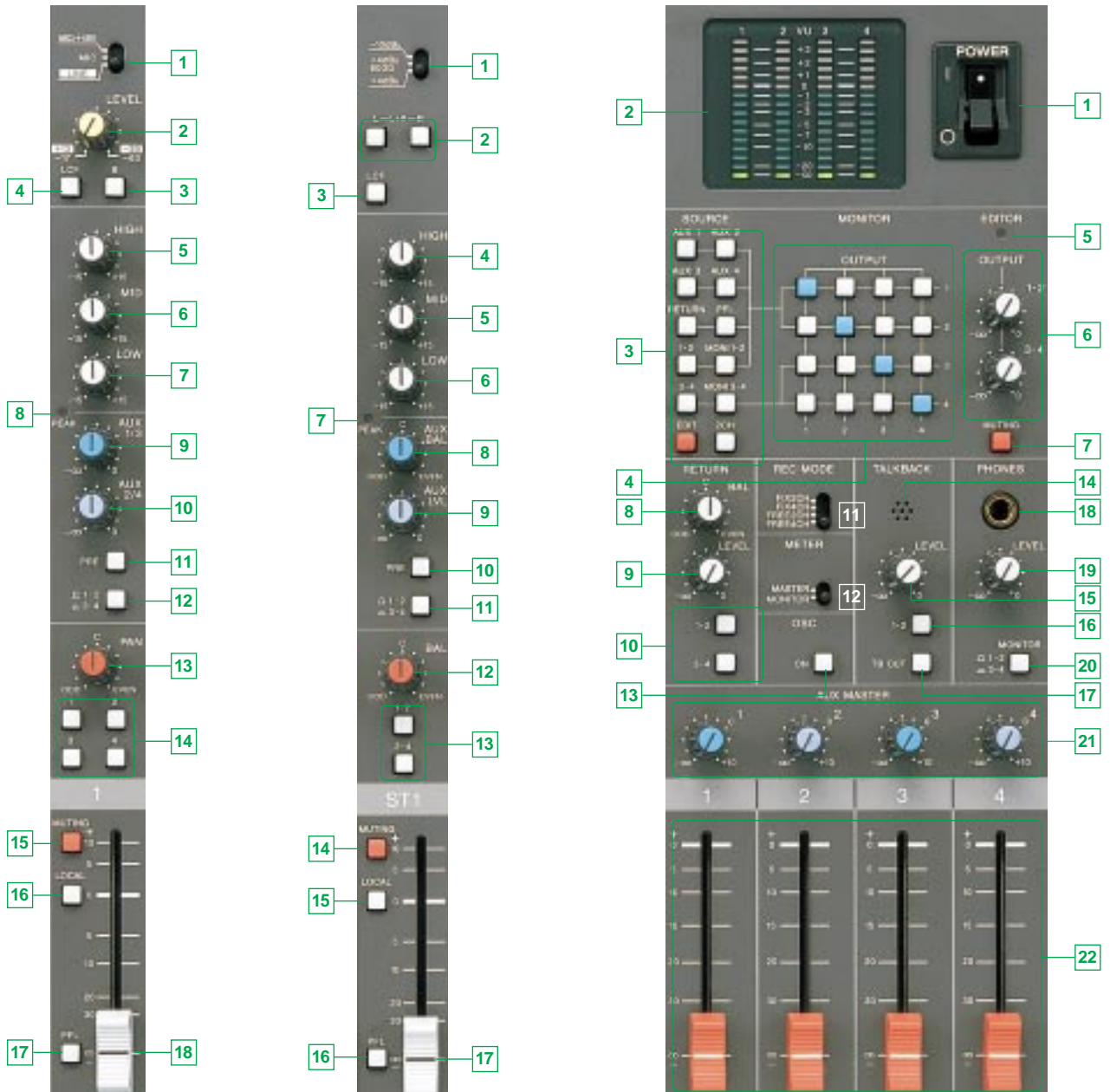
Pin assignment of REMOTE terminal

Pin NO.	FUNCTIONS
1	MONO INPUT 1 VCA CONTROL INPUT
2	MONO INPUT 2 VCA CONTROL INPUT
3	MONO INPUT 3 VCA CONTROL INPUT
4	MONO INPUT 4 VCA CONTROL INPUT
5	STEREO INPUT ST1 VCA CONTROL INPUT
6	STEREO INPUT ST2 VCA CONTROL INPUT
7	STEREO INPUT ST3 VCA CONTROL INPUT
8	STEREO INPUT ST4 VCA CONTROL INPUT
9	STEREO INPUT ST5 VCA CONTROL INPUT
10	STEREO INPUT ST6 VCA CONTROL INPUT
11-12	-
13	GND
14	MONO INPUT 1 FADER START OUTPUT
15	MONO INPUT 2 FADER START OUTPUT
16	MONO INPUT 3 FADER START OUTPUT
17	MONO INPUT 4 FADER START OUTPUT
18	STEREO INPUT ST1 FADER START OUTPUT
19	STEREO INPUT ST2 FADER START OUTPUT
20	STEREO INPUT ST3 FADER START OUTPUT
21	STEREO INPUT ST4 FADER START OUTPUT
22	STEREO INPUT ST5 FADER START OUTPUT
23	STEREO INPUT ST6 FADER START OUTPUT
24	-
25	GND

Pin assignment of VCA terminal

Pin NO.	FUNCTIONS	FIX 2CH MODE	FIX 4CH MODE	FREE 2CH/FREE 4CH MODE
1	VCA1	VCA1	VCA1	VCA1
2	-	-	-	-
3	VCA3	VCA3	VCA3	VCA3
4	-	-	-	-
5	VCA5	VCA5	VCA5	VCA5
6	-	-	-	-
7	VCA7	VCA7	VCA7	VCA7
8	-	-	-	-
9	GND	GND	GND	GND
10	MONITOR INPUT1	MONITOR INPUT1	-	-
11	MONITOR INPUT2	MONITOR INPUT2	-	-
12	EDITOR INDICATOR	EDITOR INDICATOR	EDITOR INDICATOR	EDITOR INDICATOR
13	MONITOR OUTPUT1 MUTING	MONITOR OUTPUT1-4 MUTING	-	-
14	MONITOR OUTPUT2 MUTING	MONITOR INPUT3	-	-
15	-	MONITOR INPUT4	-	-

## Name and function of each part



### MONO INPUT section

- 1 Input-A Level Switch
- 2 LEVEL (Input-A Level) Control
- 3 B (Input-B Selector) Button
- 4 LCF (Low-Cut Filter) Button
- 5 HIGH (High Frequency Equalizer) Control
- 6 MID (Mid Frequency Equalizer) Control
- 7 LOW (Low Frequency Equalizer) Control
- 8 PEAK Indicator
- 9 AUX 1/3 (AUX Output 1/3 Level) Control
- 10 AUX 2/4 (AUX Output 2/4 Level) Control
- 11 PRE (Pre-Fader) Button
- 12 1-2/3-4 (AUX Output Selection) Button
- 13 PAN (Pan Pot) Control
- 14 1,2,3,4 (MASTER Output Channel Assignment) Buttons
- 15 MUTING Button
- 16 LOCAL Button
- 17 PFL (Pre-Fader Listening) Button
- 18 Channel Fader

### STEREO INPUT section

- 1 Input Level Switch
- 2 L,R Buttons
- 3 LCF (Low-Cut Filter) Button
- 4 HIGH (High Frequency Equalizer) Control
- 5 MID (Mid Frequency Equalizer) Control
- 6 LOW (Low Frequency Equalizer) Control
- 7 PEAK Indicator
- 8 AUX BAL (AUX Output Balance) Control
- 9 AUX LVL (AUX Output Level) Control
- 10 PRE (Pre-Fader) Button
- 11 1-2/3-4 (AUX Output Selection) Button
- 12 BAL (Balance) Control
- 13 1-2,3-4 (MASTER Output Channel Assignment) Buttons
- 14 MUTING Button
- 15 LOCAL Button
- 16 PFL (Pre-Fader Listening) Button
- 17 Channel Fader

### MONITOR/MASTER section

- 1 Power Switch
- 2 Level Meters
- 3 MONITOR SOURCE Selector Buttons
- 4 MONITOR Matrix Switcher Buttons
- 5 EDITOR Indicator
- 6 MONITOR OUTPUT 1-2/3-4 Controls
- 7 MUTING Button
- 8 RETURN BAL (Return Balance) Control
- 9 RETURN LEVEL Control
- 10 1-2,3-4 (MASTER Output Channel Assignment) Button
- 11 REC MODE (Recorder Assignment) Switch
- 12 METER Switch
- 13 OSCILLATOR Switch
- 14 MIC
- 15 LEVEL Control
- 16 1-2 Switch
- 17 TB OUT (Talkback Output) Switch
- 18 PHONES (Headphone) Jack
- 19 LEVEL Control
- 20 PHONES Output Selector Switch
- 21 AUX MASTER (Aux Output) Controls
- 22 MASTER Faders





## Specifications

TERMINAL	No. of CH	TYPE	REFERENCE LEVEL	MAX. LEVEL	IMPEDANCE (LOAD IMPEDANCE)
MONO INPUT A	4	XLR-3-31	MIC :-60 - -17dBu	MIC :-35 - +8dBu	MIC : More than 2kΩ
			LINE:-30 - +13dBu	LINE:-5 - +24dBu	LINE : More than 10kΩ
MONO INOUT B	4	XLR-3-31	+4dBu	+24dBu	More than 10kΩ/600Ω
STEREO INPUT	6	XLR-3-31	-10/+4dBu	+15/+24dBu	-10dBu : More than 10kΩ +4dBu : More than 10kΩ/600Ω
RETURN INPUT	2	Phono jack	-10dBu	+15dBu	47kΩ
EXIT MONITOR IN	4	XLR-3-31	+4dBu	+24dBu	More than 10kΩ/600Ω
MASTER OUTPUT	4	XLR-3-32	+4dBu	+24dBu	100Ω (More than 600Ω)
MASTER OUTPUT	4	Phono jack	-5dBu	+15dBu	220Ω (More than 10kΩ)
MONITOR OUTPUT	4	Phono jack	-5dBu	+15dBu	220Ω (More than 10kΩ)
AUX OUTPUT	4	Phono jack	-5dBu	+15dBu	220Ω (More than 10kΩ)
TB OUTPUT	1	Phono jack	-5dBu	+15dBu	220Ω (More than 10kΩ)
PFL OUTPUT	1	Phono jack	-5dBu	+15dBu	220Ω (More than 10kΩ)
PHONES	1	ST Phone		10mW + 10mW	(More than 8Ω)

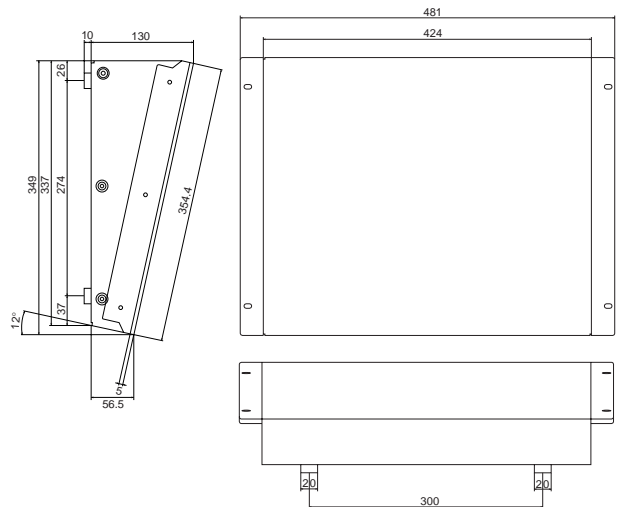
Frequency response	: 20Hz - 20kHz +0.5/-1dB (1kHz, +4dBu input, MASTER OUT +4dBu output)
T.H.D	: Less than 0.03% (1kHz, +4dBu input, MASTER OUT +4dBu output)
E.I.N	: Less than -127dBu (20Hz - 20kHz, -60dBu, 150Ω terminated)
Residual noise level	: Less than -95dBu (20Hz - 20kHz, master fader - ∞, MASTER OUT) Less than -82dBu (20Hz - 20kHz, all assign SW on, ch fader - ∞, master fader 0, MASTER OUT)
Crosstalk	: Between MASTER OUT, Less than -80dB (10kHz, except for stereo input)
EQ	: HIGH 10kHz ±15dB shelving type MID 2.5kHz ±15dB peaking type LOW 60Hz ±15dB peaking type
Low cut filter	: 100Hz -12dB/oct.
LED meter	: 16-segment(VU response), 4CH
Editor interface	: Protocol(SONY standard parallel type) A1/A2 connector 25-pin D-sub female type A3/A4 connector 25-pin D-sub female type VCA connector 15-pin D-sub male type
Remote connector	: 25-pin D-sub female type
Storage temperature	: -20 - +60°C
Operating temperature	: 0 - +40°C
Power requirements	: 120/230V AC(Switchable), 50/60Hz
Power consumption	: 50W
Mass:	: 9.4kg
Dimensions	: 481(W)X140(H)X349(D)mm Not including the maximum protection
Supplied accessory	: Plug adaptor(1) (for some AC 120V countries)
Optional accessory	: Table kit MU-200TK

\*\*Rack mount adaptor is supplied.  
(0dBu=0.775Vrms)

**MU-200TK**  
Table kit  
(option)



**Dimensions (unit:mm)**



# SONY®

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