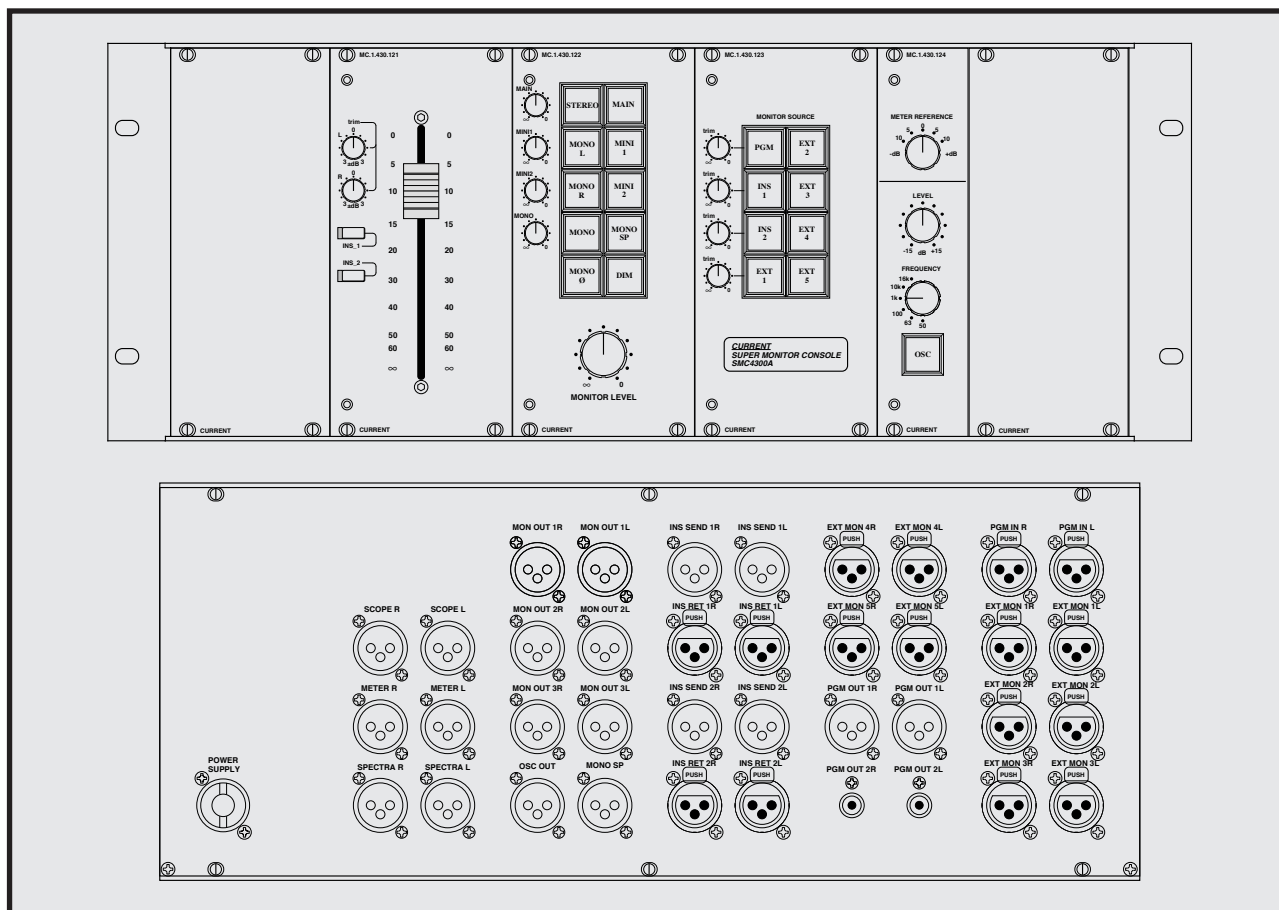


CURRENT PRODUCTS model:SMC4300A

MASTERING CONSOLE



Most suitable for CD mastering
 Program fader, Program insertion
 4 speakers, 8 EXT monitors
 Variable meter reference
 OSC built-in, 19 inches of 4 U size

SMC4300A is a monitor console of super high-quality sound developed for CD mastering room use. It provides with program section with the insertion of 2 routes and the EXT monitor of 8 routes and equips it with OSC and the meter reference variable function more.

"Program"

It is provided for the program section program fader and ± 3 dB continuous variable trims and can control a level at the time of the store to DAW. In addition, 2 phases of insertion can turn on either available either or both. It provides for the program output by 2 kinds of reference level output of +4dBu and the -10dBu.

"Monitor"

In the monitor section, the changes such as a monitor mode or the speaker are possible, and each mode of stereo, mono, mono L, mono R and mono ϕ is selectable. Mono ϕ mixes left and right in a reverse phase. In addition, the monitor speaker of 3 stereo speakers or mono speaker is selectable, and a trim is equipped each with.

"EXT monitor "

It can switch 8 source with the monitor selector, and the trim is implemented to 1-4, too.

"Others"

The built-in OSC can choose 6 frequency, and a level variable of ± 15 dB is possible.

As for the meter output indicating the level after the monitor selector, the change of 5 phases of reference levels of the -10, -5, 0, +5, +10 is possible. Please refer about the specifications of the non-standard.



SPECIFICATIONS

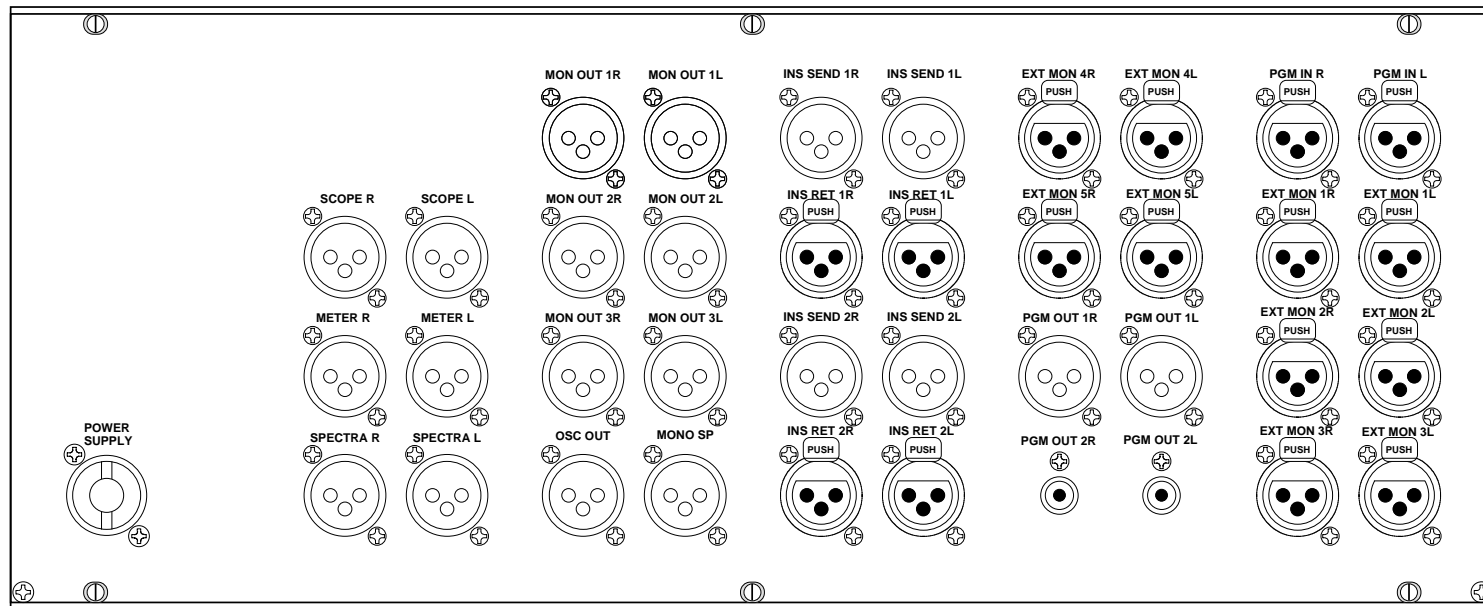
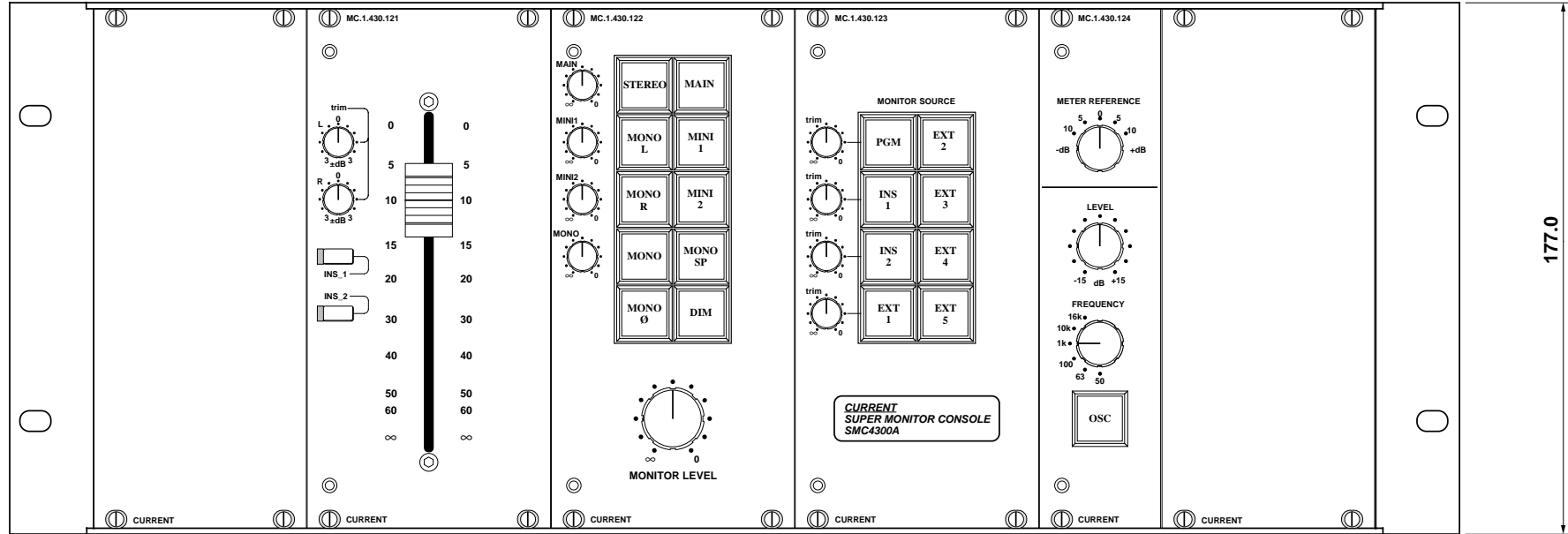
- 🔊 **PGM INPUTS:** BALANCED 24k Ω , REF=+4dBu, MAX=+24dBu
- 🔊 **PGM INS SENDS:** BALANCED 50 Ω , REF=+4dBu, MAX=+24dBu
- 🔊 **PGM INS RETURNS:** BALANCED 24k Ω , REF=+4dBu, MAX=+20dBu
- 🔊 **PGM OUTPUTS:** BALANCED, 50 Ω , REF=+4dBu, MAX=+24dBu
- 🔊 **PGM UNBAL OUTPUTS:** 75 Ω , REF=-10dBu, MAX=+20dBu
- 🔊 **EXT MONITORS:** BALANCED, 24k Ω , REF=+4dBu, MAX=+24dBu
- 🔊 **FREQUENCY RESPONSE:** 20~20kHz ± 0.1 dB
- 🔊 **THD:** <0.01% at 1kHz REFERENCE LEVEL 20~20kHz, EIN:<-90dB
- 🔊 **OSC OUTPUT:** BALANCED, 50 Ω , REF=+4dBu, MAX=+24dBu
- 🔊 **OSC FREQUENCY:** 50,63,100,1k,10k,16kHz
- 🔊 **METER OUTPUT:** BALANCED, 50 Ω , REF=+4dBu, MAX=+24dBu
- 🔊 **MAIN FRAME DIMENSIONS:** 483Wx177Hx350D,6kg
- 🔊 **PSU FRAME DIMENSIONS:** 160Wx88Hx330D,4kg
- 🔊 **MAINS:** 100VAC, 50/60Hz, MAX 50W

Mastering console SMC4300A ¥2,960,000

accessory : AC cable

The specifications are subject to change without notice.
 2-26-11 AKATSUTSUMI, SETAGAYA-KU, TOKYO, 156-0044 JAPAN

483.5



Rear Panel

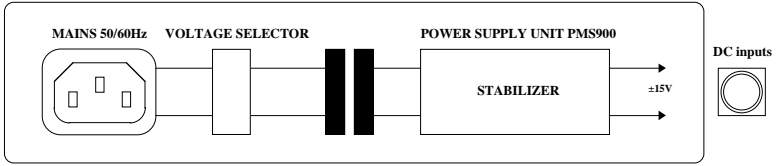
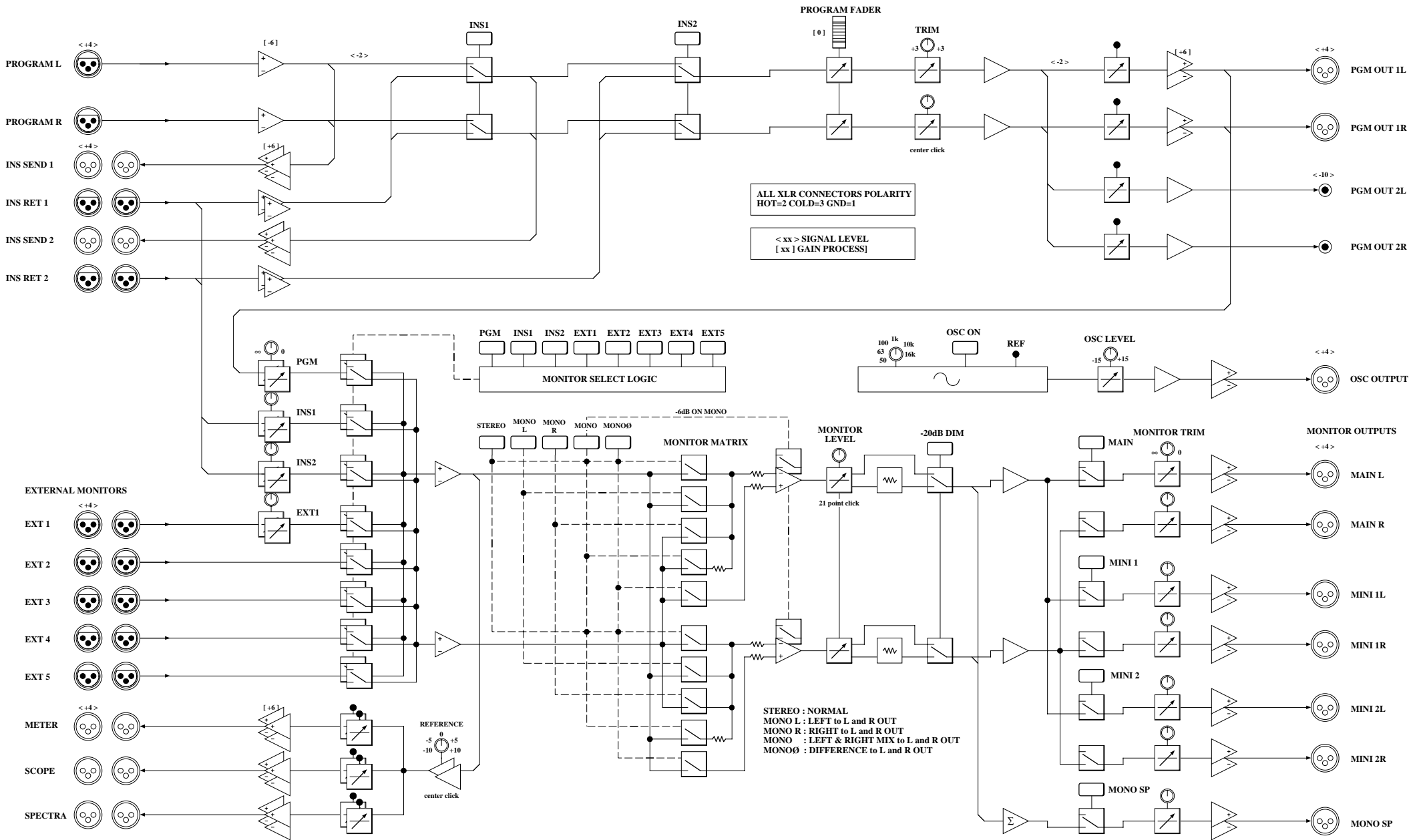
DIMENSIONS=483.5(w)x177(h)x350(d)

CURRENT, INC.	SMC4300A
H. ICHIHASHI	FRAME DIAGRAM

APR 2005
APR 2002

May 1998

SMC4300A-D

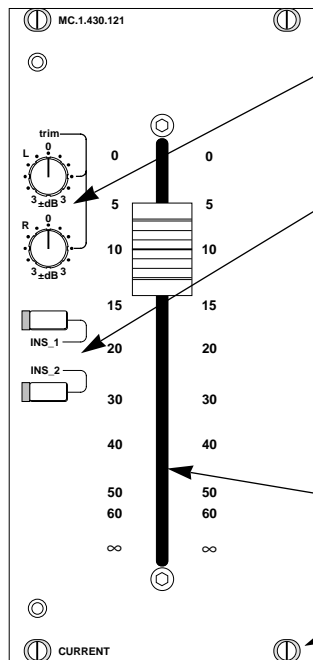


(c)CURRENT,INC.	SMC4300A SUPER MONITOR CONSOLE	Apr.2005
H.ICHIIHASHI	SYSTEM DIAGRAM	Apr.1998
		1 of 1

Powered by ClarisCad

SUPER MONITOR CONSOLE SMC4300A

Program module



Program trim

The variable range is $\pm 3\text{dB}$ with center click for the adjustment of program outputs control by the left-right independence.

Program insertion 1,2

Program lines can be insert external equipment on pre fader path. The insertion 1 and 2 are in the serial connect relations.

When only the insertion 1 is turned on, send source of the insertion 1 becomes input of the program.

Also when only the insertion 2 is turned on, send source of the insertion 2 becomes input of the program.

When the insertion 1 and 2 both on, the external equipment are connected in series, and send source of the insertion 2 becomes the return of the insertion 1.

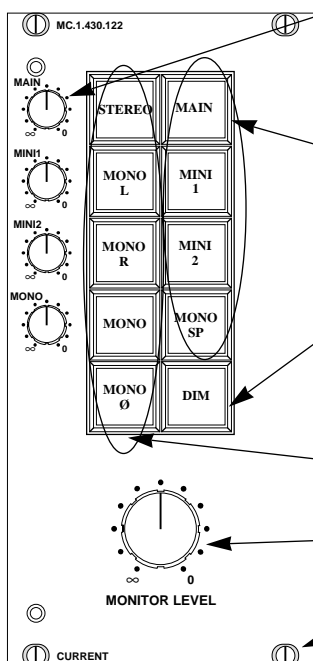
Program trim

For program level adjustment which reference position is 0dB.

Quick Screw

The module is removed with this screw. The screw can be pulled out when it is turned counterclockwise 90 times with pushing this. It is turned clockwise 90 times with pushing the screw when it is returned to the cause.

Monitor module



Monitor outputs trim

The variable range is 0dB to ∞ for the adjustment of the monitor output. 4 system of MAIN, MINI-1, MINI-2, MONO is fitted to the efficiency of the speaker, and it can be adjusted independently. The standard position is the position of 0dB which it turning full clockwise.

Monitor Speaker Selector

Can be monitored 4 speaker system as MAIN, MINI-1, MINI-2, MONO.

DIM

Down monitor level 20dB.

Monitor Mode Selector

STEREO: Standard mode.
 MONO-L: Left source feed to left and right.
 MONO-R: Right source feed to left and right.
 MONO: Left and right signal mixed by -6dB.
 MONO-Ø: Reverse phased right signal mixed to left, Reverse phased right signal mixed to left.

Monitor Level

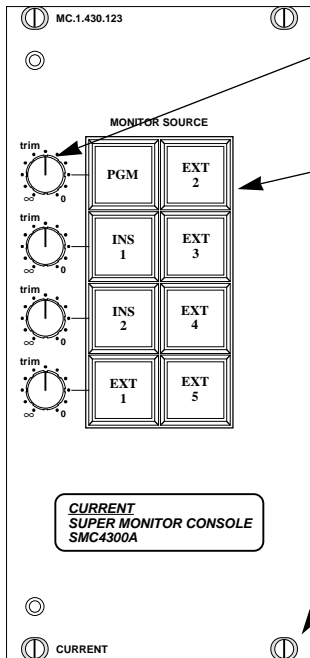
Set listening level. It has 21 step click.

Quick Screw

The module is removed with this screw. The screw can be pulled out when it is turned counterclockwise 90 times with pushing this. It is turned clockwise 90 times with pushing the screw when it is returned to the cause.

SUPER MONITOR CONSOLE SMC4300A

Monitor select module



Monitor source trim

Monitor selector 1-4 has source level trim, and adjustable 0dB to ∞.

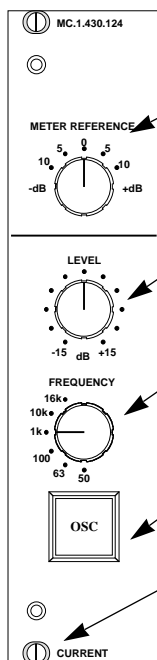
Monitor source selector

- Monitor source 1: Program output
- Monitor source 2: Insert return 1
- Monitor source 3: Insert return 2
- Monitor source 4: External source 1
- Monitor source 5: External source 2
- Monitor source 6: External source 3
- Monitor source 7: External source 4
- Monitor source 8: External source 5

Quick Screw

The module is removed with this screw. The screw can be pulled out when it is turned counterclockwise 90 times with pushing this. It is turned clockwise 90 times with pushing the screw when it is returned to the cause.

OSC/Meter module



Meter reference

Change reference level for "meter", "scope" and "spectra" outputs. 0dB means +4dBu.

Oscillator level

Set oscillator level. Reference position is center, variable ±15dB.

Oscillator Frequency

Set oscillator frequency as 50Hz, 63Hz, 100Hz, 1kHz, 10kHz, 16kHz.

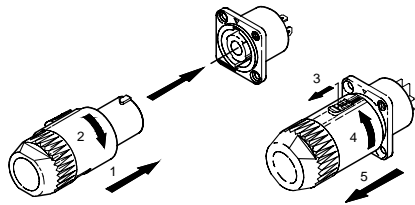
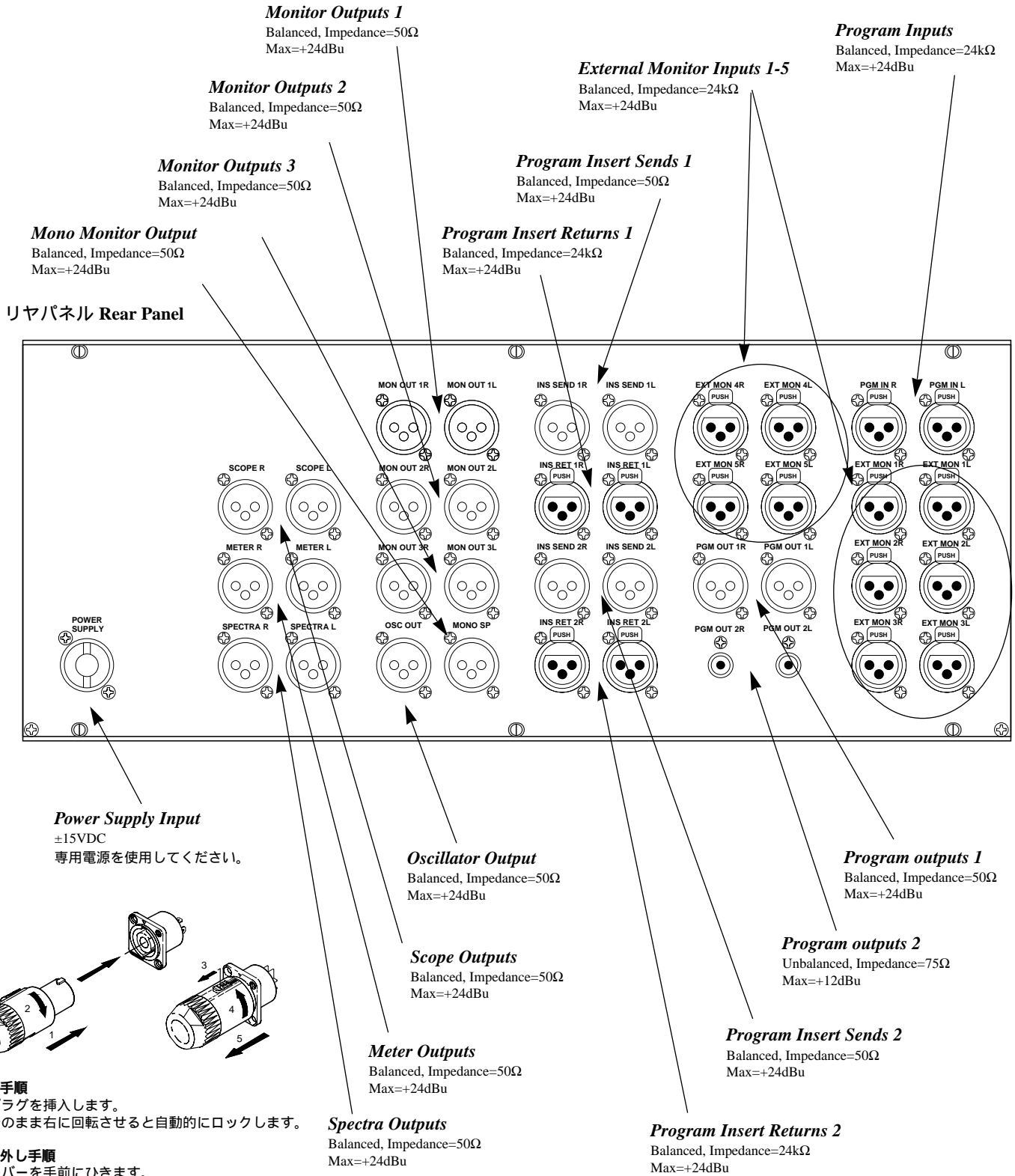
Oscillator switch

Activate oscillator which feed to OSC output.

Quick Screw

The module is removed with this screw. The screw can be pulled out when it is turned counterclockwise 90 times with pushing this. It is turned clockwise 90 times with pushing the screw when it is returned to the cause.

SUPER MONITOR CONSOLE SMC4300A



接続手順

1. プラグを挿入します。
2. そのまま右に回転させると自動的にロックします。

取り外し手順

3. レバーを手前にひきます。
4. そのまま左に回転させます。
5. 引き抜いてください。