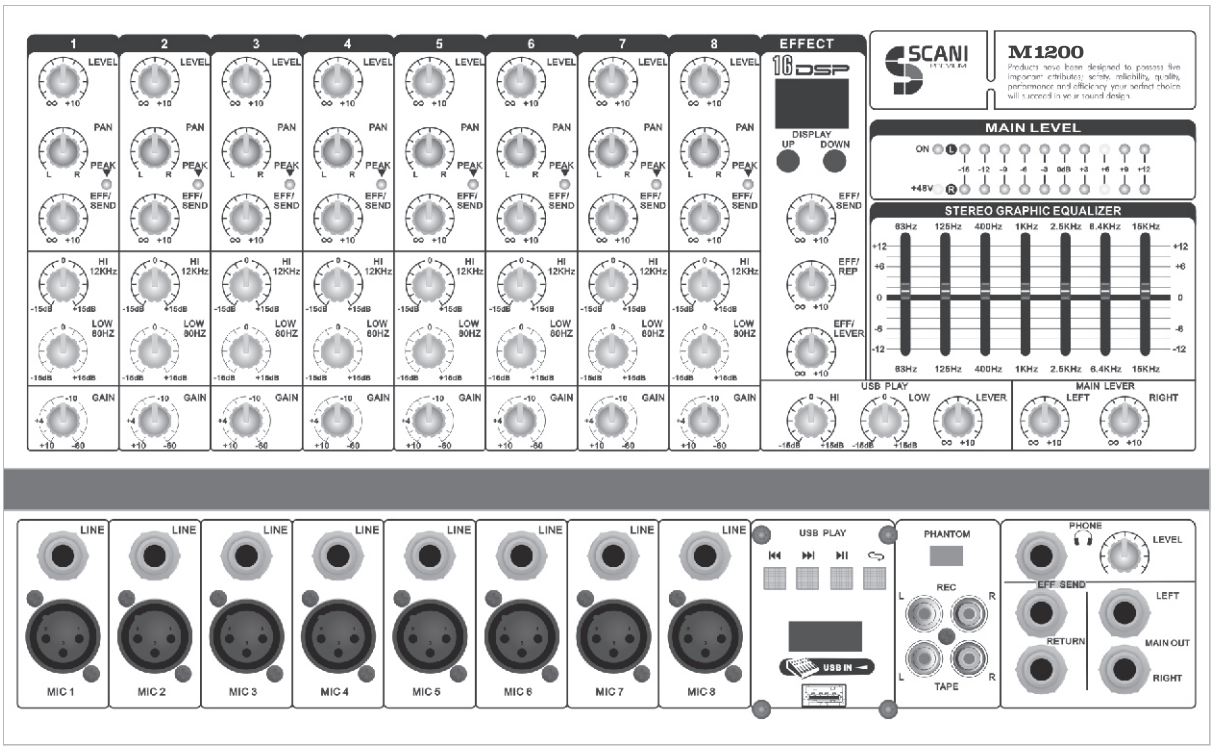
M1200

SCANI PREMIUM



OWNER'S MANUAL

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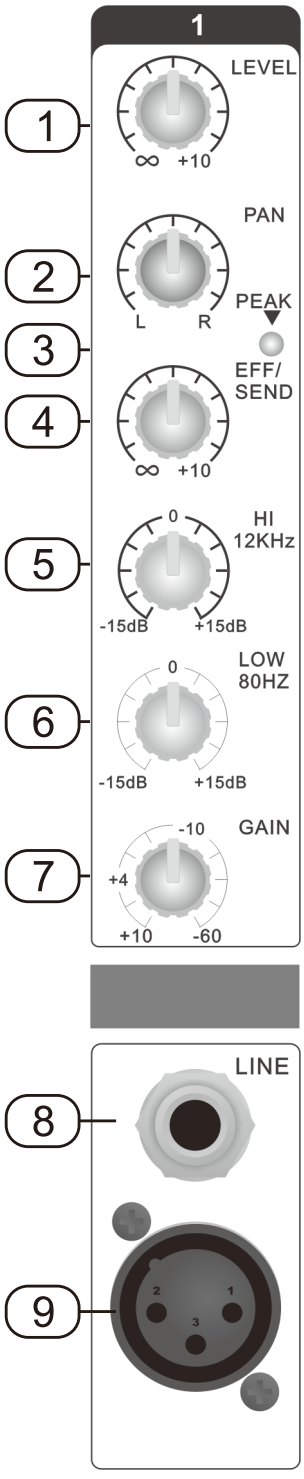
FEATURES OF FRONT PANEL

FEATURES ON FRONT PANEL

A. INPUT CHANNEL SECTION



1. LEVEL

   This is function to adjust the volume of signal connection and output with master LEVEL into each channel.

2. PAN

   The pan control sends cotinuosly variable amounts of the post fader signal to either the left or right main busses. iIn the certer position equal amounts of signal are sent to the left and right busses.

3. PEAK(PEAK LEVEL INDICATOR)

   A red LED indicates a signal level at the insert return point,premaster fader,It illuminates at approximately 5dB below clipping.

4. EFF/SEND

   Use this control when you want to get effect sound by adjustment of input signal. when you don’t use external souce, digital delay will be working which installed inside.

5. HIGH EQ

   Control the high frequency tone of each channel, Always set this control to the 12 0'clock position, but you can control the high frequency tone according to the speaker, the conditions of listening position and listener's taste, Clockwise rotation of the control increases level.

6. LOW EQ

   Control the low frequency tone of each channel. Always set this control to the 12 o'clock position, but you can control the low frequency tone according to the speaker, the conditions of listening position and listenner's taste. Clock wise rotation of the control increase the level.

7. GAIN CONTROL

   Adjusts input sensitivity from -60dB to -20dB with the -20dB pad switch in the out position, and -40dB to 0dB when the -20dB pad switch is pushed.

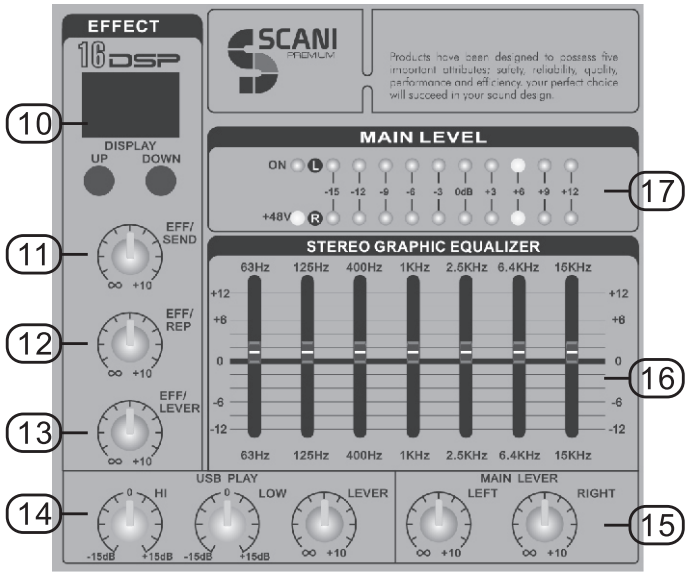
8. LINE INPUT

   The unbalanced Mic input is provided for the use of a unbalanced mic and is designed to accept a unbalanced high impedance input signal.
   (This use for connection Deck, Turntable, Keyboard ect.)

9. BALANCE INPUT

   Electronically Balanced inputs acceptable a standard XLR male connector. +48V Phantom Power available on each input Mic socket. And this switch is on Rear Phantom Power.

B. MASTER SECTION



10.DISPLAY

Please press the Rey stroke up and down,and it will be gotten the perfect neverberative effect that you need. These function which has effective posture can be turned up.

11.EFF SEND

When you use STEREO board,you can adhust the sound olume of all kinds of effector outside.

12.EFF REP

This is used for adjusting frequency of echo repeat, since too echo repeat may cause a nowl, please adjust frequency properly.

13.EFF LEVEL

Please press the Rey stroke up and down,and it will be gotten the perfect neverberative effect that you need. These function which has effective posture can be turned up.

14.USB PLAY

Control input signal with “TAPE”and “USB” Control the size of the gain with “GAIN”
According to the personal style, adjust the treble and bass with“HI”and “LOW”

15.MIAN LEVEL (LEFT/RIGHT)

This is a master volume control fader to adjust the left/right channel output

16.STEREO GRAPHIC EQ

This 7-band graphic equalizer adjusts the main mix output.It affects the line-level outputs.It may also be quickly bypassed using the EQ in/bypass switch.
Each slider adjusts the level of its frequency band, with up to 15dB of boost or cut ,and no change in level at the center(0 dB) position, The frequency bands are:63,125,400,1K,2.5K,6.4K,and 15KHz. The Eqsection comes before the main fader and meters. As with the channel EQ,justtake iteasy. there is a large amount of adjust,ent ,and if you are not careful,you can upset the delicate balance of nature.Although it may not seem cool to actually turn down controls,with EQ it is often your best option.Turn down the offending frequency range,rather than boost the wantde range. Use it to reduce the level of some frequency bands where feedback occurs.

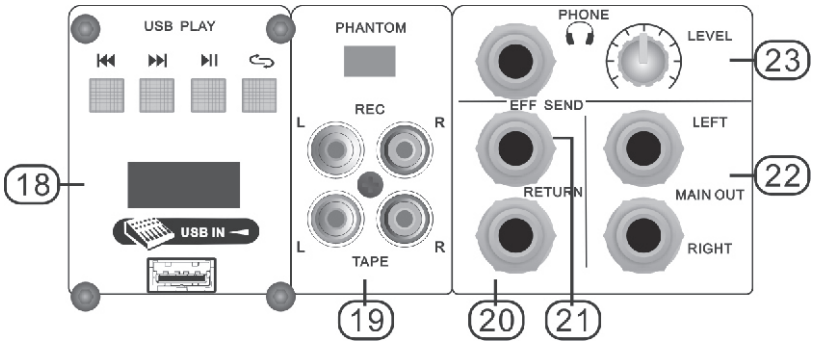
17.STEREO GRAPHIC EQ

These meters have 2 columns of 10 LEDs each,with dB markings from -20 to +10,and OL (overload at +10 dBu).They indicate the stereo signal strength of the main mix after the main fader .

C. MIXER OUTPUT SECTION

18.USB PLAY/USB RECORDING

This USB player can play the music in your USB memory disc as you like. Supported formats includwe MP3. The signal of the stereo's output will mix to the MAIN via the USB player channel.The recording of the live show will be store to the REC file of your USB.



⏯	PLAY/PAUSE	The button is for play or pause the tracks in your USB.
⏭ ⏮	NEXT/PLUS	The button is for choosing the previous track and next track.
	REPEAT	The button is for repeat.
	EQ	The EQ model built-in the USB player.
	REC	Press this button can record the signal of the MAIN MIX.
		If need to transform the play model can press this button fot choosing.

19.TAPE INPUT/OUTPUT

These unbalanced rca connections tap the main mix output to make simultaneous recording and PA work more convenient. Connect these to your recorder's inputs.
Mono Out:if you want to feed a mono signal to your tape deck or other device, simply use an RCA Y-cord to combine these outputs. Do not attempt this with any outputs on the mixer.

20.RETURN

This is where you connect the outputs of your parallel effects devices(or extra audio sources). These balanced inputs are similar to the stereo LINE IN INPUTS (without EQ,AuxSENDS,pan, Mute,and Solo).
The circuits will handle stereo or mono,balanced or unbalanced signals,either instrument level, -10dBV or +4dBu.They can be used with just about any pro or semipro effects device on the market.
The signals coming into these inputs can be adjusted usingthe STEREO RETURN knobs before passing onto the main mix bus.

21.EFF SEND

When you use STEREO board,you can adhust the sound olume of all kinds of effector outside.

22.MAIN OUT

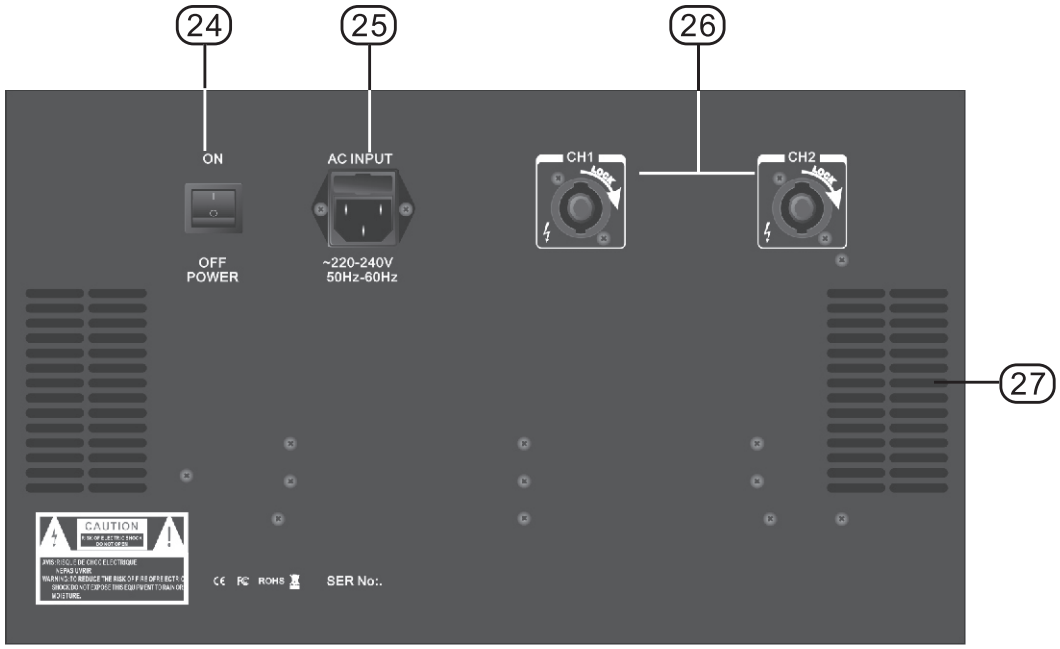
These line-level outputs connect the main mix to the outside world. Connect them to the balanced inputs of a power amplifier or powered speakers. See page 16 for details of the main mix.
These low-impedance outputs are fully balanced and capable of driving +4 dBu lines with up to 28 dB ofheadroom. This output is 6 dB hotter than other outputs.

23.PHONE LEVEL

This controls the volume of the headphones output from off to maximum gain.

Warning:The headphone amplifier is designed to drive any standard headphones to a very loud level.It can cause permanent hearing damage.Even intermediate levels may be painfully loud with some headphones. Be careful! Always start with the phones level control turned all the way down before connecting headphones or making any connections. Keep it down until you've put on the headphones,and turn it down first whenever you play a new source or instrument.

D . POWER SECTION



24.POWER SWITCH

Push marked, when you want to operate. The LED (SEE NO,20) will be turned on when working.

25.POWER JACK

This is out of connect the power suplly jack.

26.SPEAKER JACK

This is same functions as below but the using jack is different.

27.COOLING FANS

This is the amplifier cooling fans.

E. FAULT FINDING GUIDE

Repaining a sound mixing console requires specialist,but basic fault finding is whitin the scope of any user if a few badic rules followed.

- Get to know the block Diagram of your console.
- Get to know what each component in the system is supposed to do.
- Learn where to look for common trouble spots.

The Block diagram is a representative sketch of all the components of the console;showing how they connect together and how the signal flows through the system. Once you have become familiar with the various component have gained a valuable understand of the internal structure of the console and tracking down the problem by elimination.

- Swap input connections to check that the source is really present. Check both Mic and Line inputs.
- Eliminate sections of the channel by using the insert point to re-route the signal to other inputs that are konbs to be working
- Route channels to different outputs or to aux sends to identify problems on the master section.
- Compare a suspect channel with an adjacent channel which had been set up identically.Use PFL to monitor the signal in each section.

F. CAUTIONS ON INSTALLATION

Please take care of the following points for installations.

1.Install this product at place of good ventilation.adn keep a interval over 30cm form the other objects.

2.Install this product at rear side for non-touching of somebody,if possible and avoid an installation of a aisle & the front side of the stage.

3.Cause an obstacle and an drop of product from the vibration of speaker ,if you put this product one speaker for a long time.

4.Avoid strong or using product in condition of excessive heat or cold,or in position where it is likely to be subject to vibration,dust or moisture.

5.Connect the plug into an outlet by the check of power source "AC220V" of the installation place.

6.Install the speaker more front side than the used mic and for away from mic, if possible.

7.Insert a plug of cord closely into the speaker jack at the speaker comnection.

8.Clean this product by using soft dry cloth & poly-wax.

G. HOW COOPERATE

1.Above all, it is necessary to confirm power voltage.

2.Make sure this appliance power switch is off when connecting the plug of power cord with outlet

3.Set easy controls to the positions stated belows to avoid lord blasts. Loud blasts may couse damage for your speaker system or your ears when you are wearing headphone.
Master faders L/R, Sub faders AUX, Effect fader and Each channel faders.

Gain control ..... Turn to the left completely
Hi,Mid,Low ..... Turn to the center position
Aux1-2& Effect control ..... Turn to the left completely
Pan control ..... Turn to the center position
Set other turn to the left completely

4.Push power switch marked(1),then the LED will be turned on when start working.

5.Set Master faders L-R to the position between min & mid ,after working.

6.Set a certain Channel faders which you want to use to the position between min and mid .After that, Connect input section with external source.

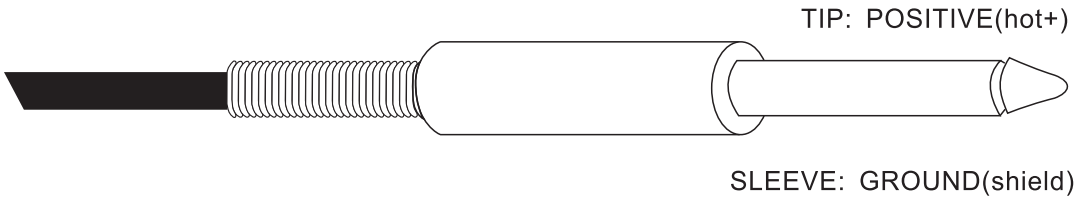
7.To make sound thur external sources,turn the Gain control to the right.

8.Adjust tone controls in accordance with your taste.

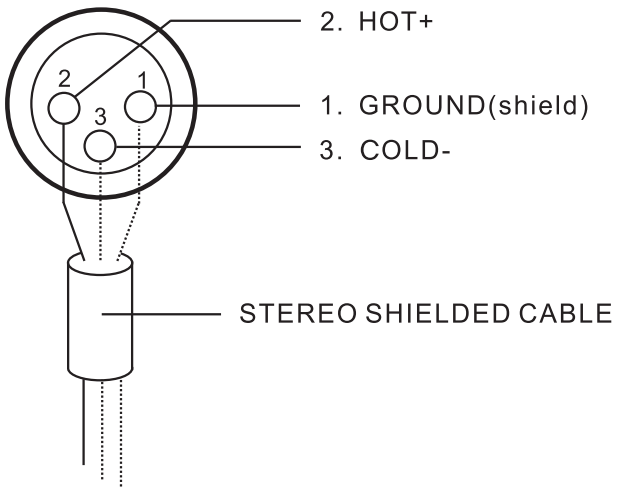
9.Adjust between Effect fader control towards max from min& effect control to the right ,when you want to get echo effect a certain channel.after set a certain channel.adjust delay control & repeat control.Then you can get various echo effect sound.

H. INSTALLATIONS

UNBALANCED 1/4" PLUG



FAMALE 3 PIN CONNECTOR



J. SPECIFICATION

MIXER SECTION

1.INPUT CHANNEL SENSITIVITY	MIC ····· -60dB STEREO CH.INPUT ····· -40dB EFX SEND ····· -20dB EFF,RETURN ····· -20dB
2.OUTPUTS	4V MAX
3.SIGNAL TO NOISE RATIO	-80dB
4.PARAMETRIC EQ.	HI ····· ± 15dB/10KHz MID ····· ± 15dB/250Hz~6KHz LOW ····· ± 15dB/60Hz

POWER SECTION	12 CH
1.POWER OUTPUTS	600W x 2(4Ω) 300W x 2(8Ω)
2.T.H.D	0.1% below(1KHz Full Power)
3.POWER REQUIREMENTS	AC 220V/50Hz or 120V/60Hz
POWER CONSUMPTION	600W

*All prices and specifications subject to change without notice.