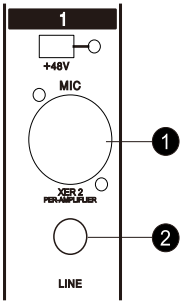
AK06S \ AK08S \ AK12S
调音台使用说明书

SMALL-SERIES
USER GUIDE

INPUT CHANNEL SECTION

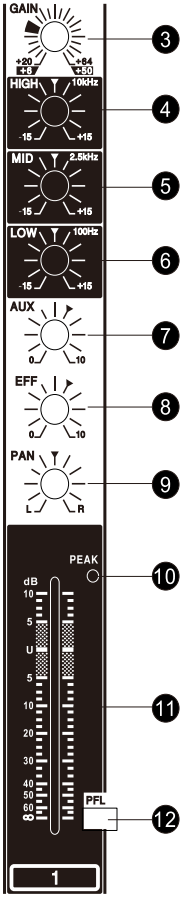


1、MIC

These are to be connected with microphone XLRjacks are used for the balanced signal.

2、LINE

These are to be connected with these line sources such deck tuner turmtable keyboard etc.



3、GAIN

This has function which adjusts the input sensitivity of each channel in order to input the constant level of the signal.

4、HIGH

This has a function which controls the high frequency tone of each channel.Always set this control to the 12 o'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,and vice versa.

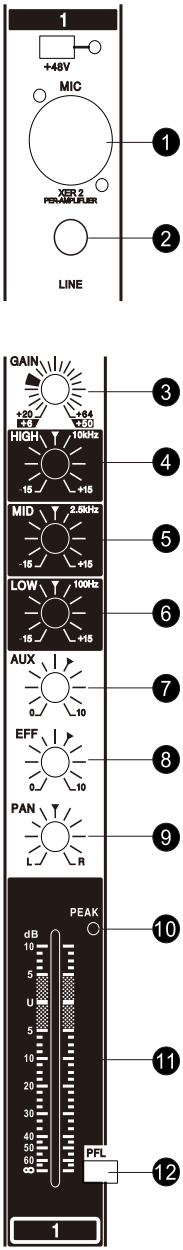
5、MIDDLE

This has a function which controls the high frequency tone of each channel.Always set this control to the clock position,but you can control the middle frequency listening position and listener's taste.

clockwise rotation of the control increases the level,and vice verse.

6、LOW

This has a function which controls the low frequency tone of each channel.Always set this control the 12o'clock position, but you can control the low frequency tone accorng to the speaker,the conditions of listening position and listen's taste. clockwise rotation of the control increases the level,and vice versa.



7、AUX

This rotary fader sends out the channel signal to AUX bus. The signal is pre-fader so that the aux send to be independent of the fader;this is suitable for foldback or monitor.

8、EFFECT

When you want to get echo effect of each channel,you can adjust the level of installed echo by this.
(Unless you will use echo on any channel,turn to"O"Position of MON control at that channel.)

9、PAN

This has a function which distributes the signal level between left and right channel to mack a stereo sound effect.

10、PEAK

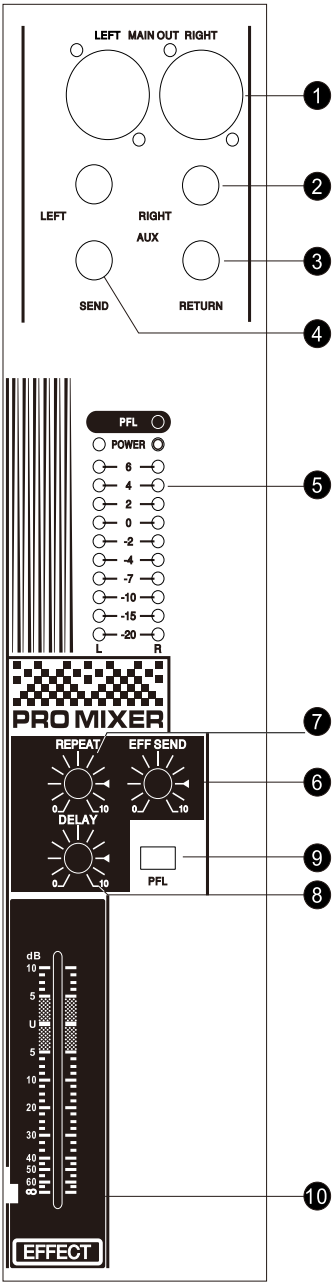
This is the lamp which indicates the input signal level of this appliance(regardless of output)when GAIN volume is adjusted.

11、CHANNEL VOLUME

These are used for adjusting the volume of signal sources, which are connectde to the relevant channel.

12、PFL

You can monitor the signal of the only channel on which PFL switch is turned"ON"through the headphone.(In this time, the other channel are automatically cyt off.)



MAIN CONTROL

1、BALANCE OUTPUT

These are jack to send the finally mixed outputs to the other appliance（amplifier).

2、UNBALANCE OUTPUT

These are jack to send the finally mixed outputs to the other appliance(amplifier).

3、EFF RETURN

These are to be connected with external digital reved & effect equipment.

4、EFF SEND

These are to be connected with external digital reved & effect equipment.

5、LEVEL METER

This is a lamp which indicates output levels of left and right channel and operating conditions of the appliance, and thus you can see all output conditions with your eyes.

6、EFF SEND

This is used for adjusting volume of echo sound when sending echo sound to SEND jack.

7、REPEAT

This is used for adjusting frequency of echo repeat. Since too much echo repeat may cause a howl.Please adjust frequency properly.

8、DELAY

This is used for adjusting the time interval of echo repeat. The middle position (5) may be most effective.

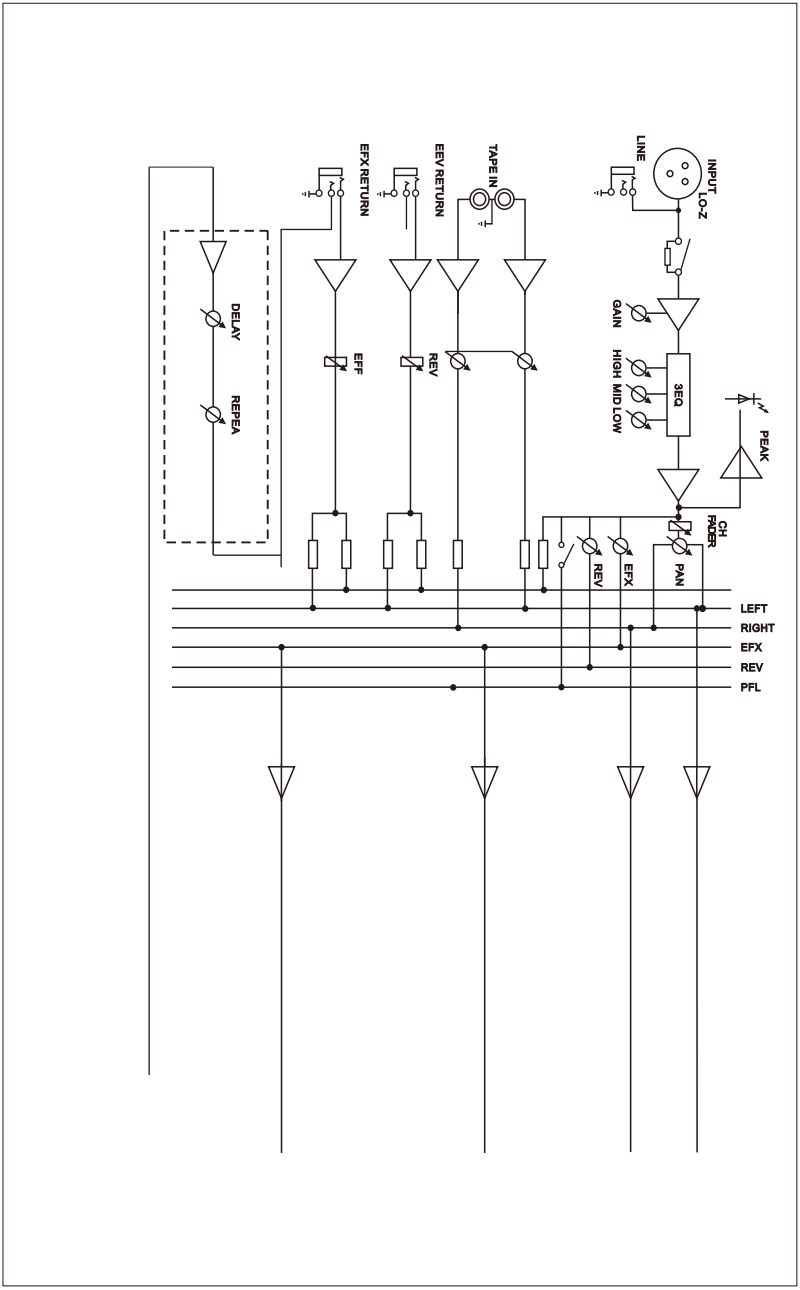
9、PFL

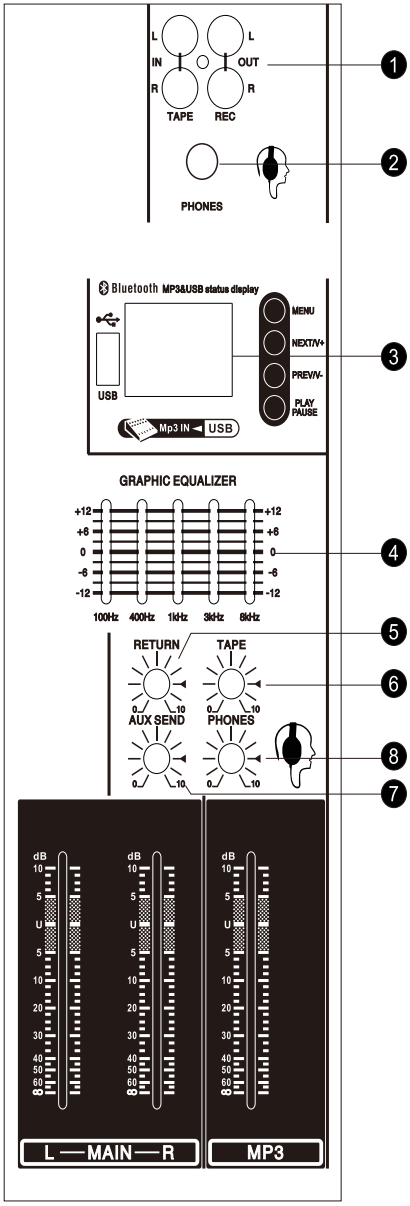
Use this function if you want to monitor echo sound and external effects through a headphone

10、EFFECTS FADERS

By using this control,you can adjust the signal level of echo repeat or external effects.

BLOCK DIAGRAM





AUX EFFECT CONTROL etc

1、RECORD PIN JACK

This jack is to be connected with cassette deck when recording the mixed output.

2、HEADPHONE JACK

This is used for monitoring the master signal and individually monitoring each channel with PEL S/W.

3、MP3

USB port
Indicator light
On TV
The volume increase/a song
The volume reduction/the next song
USB conversion

4、STEREO GRAPHIC EQUALIZER

2X7-band equalizer is provided for tone control over each frequency, and for precise high quality sound by final tone control.

5、EFX RET

Controls the level of EFX Inputs signal.

6、TAPE LEVEL

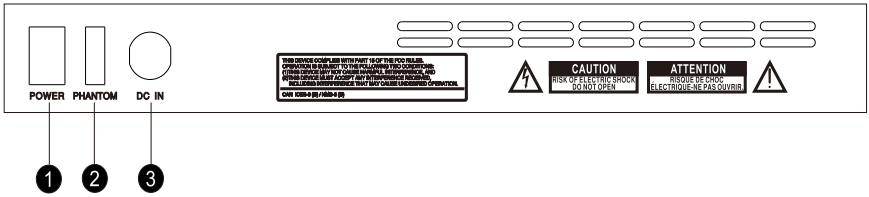
You can adjust the volume of TAPE in signal by this when connecting tape in .

7、AUX SEND

The AUX SEND control adjusts the volume level of the AUX signal provided at connector.

8、HEADPHONE FUNCTION SELECT SWITCH

The master volume control for the monitor.PFL output signal to the headphone jack.



1、POWER JACK

This is built-in connect the power supply jack.

2、PHANTOM POWER SWITCH

Depressing this switch applies 48V DC across all microphone input channels onnectors for remote powering of condenser microphones.

3、TAPE LEVEL

You can adjust the volume of TAPE in signal by this when connecting tape in.

通道输入部分

1、话筒输入

平衡的XLR插座，接收各种平衡或不平衡话筒信号

1脚=屏蔽地　　2脚=信号+　　3脚=信号-

通过调节GAIN旋钮可控制输入增益在20-60dB之间。

2、线路输入

平衡的1/4插座，接收平衡或不平衡的音源。如键盘或其它乐器。

顶=信号+　　环=信号-　　筒=屏蔽地

3、增益调整

调整该旋钮可实现话筒增益从-60dB到-20dB。

4、高音音调控制

调节该旋钮可在12KHz处产生15dB提升或衰减。

5、中音音调控制

调节该旋钮可在2.5KHz处产生15dB提升或衰减。

6、低音音调控制

调节该旋钮可在80Hz处产生15dB提升或衰减。

7、辅助输出控制

调节该旋钮控制监听辅助输出通道的电平大小。

8、混响效果控制

当你要得到不同的延时效果时，可以通过调整该旋钮，控制输入电平的大小。

9、分配控制（声像定位控制）

调节该旋钮，可将信号以不同量分配到左右母线上，当旋钮处于中点位置时，分配到左右主干线的信号大小一样，当旋往左边时，右声道信号增大，左声道信号减小。旋入往右边时，左声道增大，右声道减小。当往右旋到底时，则左声道光闭，反之则右声道关闭。

10、峰值电平指示

在超过削波电平+10dB时，峰值电平指示灯亮。

11、通道调整

调节该推钮控制总通道信号大小以配合整体演出状况。

12、监听独听控制开光

配合“总监听/独听控制开光”（参考监听部分）当您把该开光按下时，您就可以从耳机里单独监听到该通道的输出情况。

总控部分

1、左/右声道总输出平衡接口

3脚=信号+　　脚=信号-　　1脚=地

2、左/右声道总输出不平衡接口

顶=信号　　环=地　　筒=屏蔽地

3、效果返回

该插口是用来接外部的数字延时器或效果器，接受反送的效果信号，接数字延时器或效果器的输出端。

4、效果输出

该插口是用来连接外部的数字延时器或效果器，输出EFF信号，接数字器或效果器的输入[IN]端。

5、主音量电平显示

主音量VU电平显示（两组三色10段光柱表），显示左右通道输出电平状态，为避免信号失真，请不要让输出电平超过+4dB，电平下面两个指示灯分别是电源指示灯、独听指示灯，当灯亮时表示电源已接通，整机进入工作状态。

6、录音输入电平调整

通过调整该旋钮，您可以控制辅助输入电平的大小。

8、返回电平调整

调节该旋钮，可以控制返回电平的大小。

9、主信号输出双声推子

通过调节该推子，可以控制主信号输出电平大小。

10、独听开关

按下该开关可以单独监听到效果通道的信号电平。

7、辅助输出独听控制开关

通过该独听控制可检测辅助电平和监听输出信号。

8、耳机监听音量调整

通过调整该旋钮，可以调节耳机和监听线路、输出音量大小。

9、效果监听

混响效果控制及其它

1、录音输出

为立体声音输出信号插口，连接录音机录音输入部分，可录制调音台的输出信号。

2、监听耳机输出

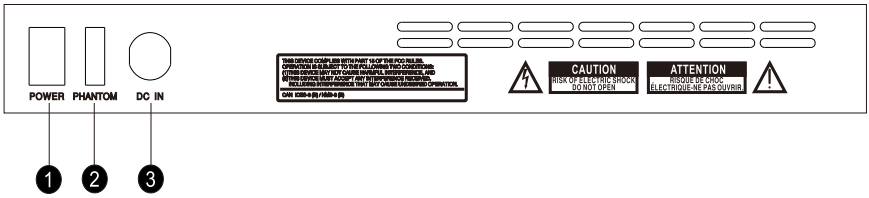
使用立体声耳机连接该插座，可监听总输出及每一路的输入情况。

3、MP3

4、均衡

5、效果长度

6、效果深度



1、电源开关

调音台技术参数表

MODEL / CONDITON	6CH	8CH	12CH
Input Sensitivty	-60dBm~-40dBm	-60dBm~-40dBm	-60dBm~-40dBm
Nominsl Input Level	Mic-60dBm Line-20dBm Eff Ret-20dB Aux In-20dB Tape In-10dB	Mic-60dBm Line-20dBm Eff Ret-20dB Aux In-20dB Tape In-10dB	Mic-60dBm Line-20dBm Eff Ret-20dB Aux In-20dB Tape In-10dB
Nominsl Output Level	Eff Send-10dBm Aux Send 0dBm	Eff Send-10dBm Aux Send 0dBm	Eff Send-10dBm Aux Send 0dBm
Common Mode Rejection	-70dB	-70dB	-70dB
Output Voltage (mixer part)	4V Max	4V Max	4V Max
S/N Ratio	⩾80dB	⩾80dB	⩾80dB
THD(1KHz Full Power)	Less than 0.03% (at 1KHz)	Less than 0.03% (at 1KHz)	Less than 0.03% (at 1KHz)
Frequency Respomse	20Hz-20KHz±3dB	20Hz-20KHz±3dB	20Hz-20KHz±3dB
Headphone	**7V/220Ω**	**7V/220Ω**	**7V/220Ω**
Parametric CQ	Hi±15dB/12KHz Mid±15dB/2.5K Low±15dB/80KHz	Hi±15dB/12KHz Mid±15dB/2.5K Low±15dB/80KHz	Hi±15dB/12KHz Mid±15dB/2.5K Low±15dB/80KHz
Power Conaumption	30W	30W	30W
Power Supply	AC 220-240V / 50-60Hz		