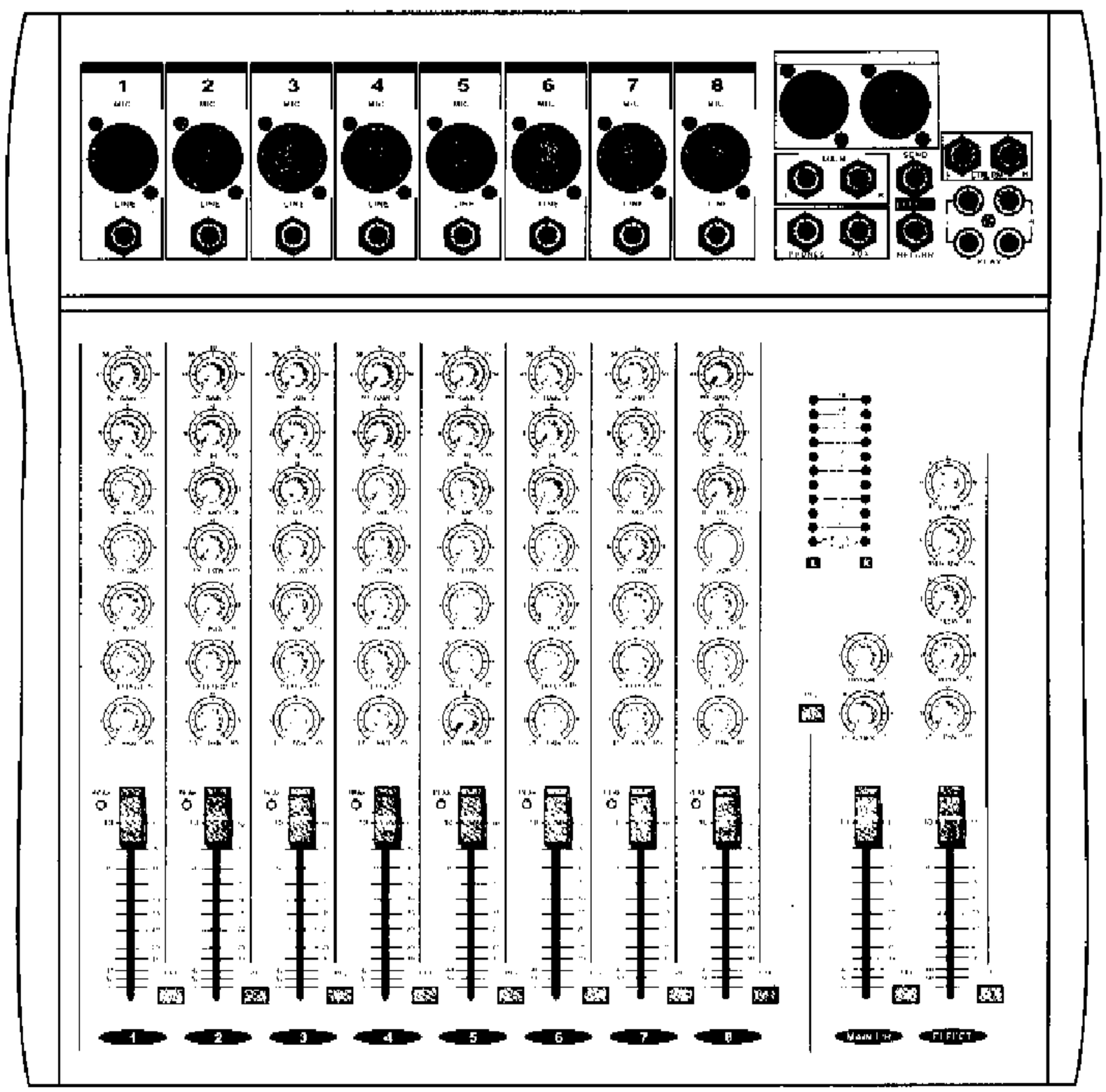
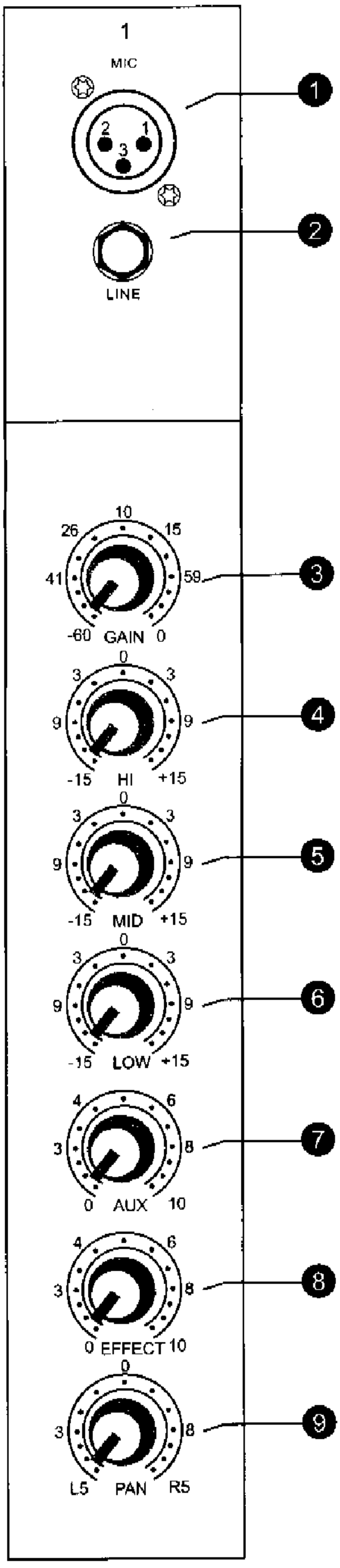
# OPERATION MANUAL
# FOR MIXING CONSOLES

KM600S KM800S KM1200S



**PERFECT AUDIO STAGE MIXING CONSOLE.**
**MAXIMUM MOBILITY IN OPEN-AIR CONCERTS.**
**FIRST CHOICE FOR ALL MUSICIANS AT HOME AND IN CONCERT HALLS.**




# FRONT PANEL CONTROLS

## MIC

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

## LINE

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

## GAIN

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

## HIGH

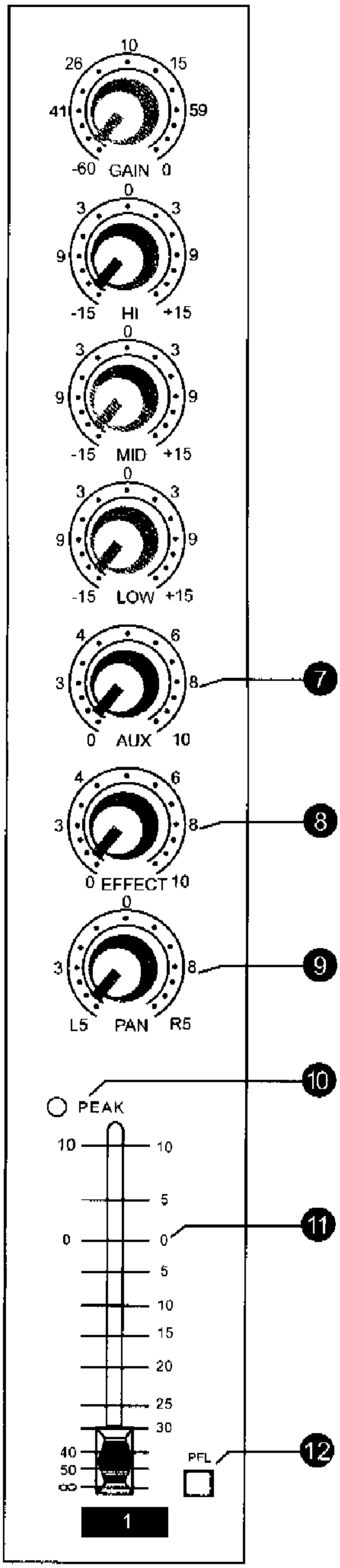
This has a function which controls the high frequency tone of each channel Always set this control to the 12 o 'clock position but you can control the high frequency tone according to the speaker, the conditions of listening position and listener ' s taste. Clockwise rotation of the control increases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

## MID

This has a function which controls the middle frequency tone of each channel.Always set this control control to the clock position,but you can control the middel frequency of listening position and listener' s taste.
Clockwise rotation of the control increases the level,and vice verse.

## LOW

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




## 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.

## 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.)

## PAN

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

## PEAK

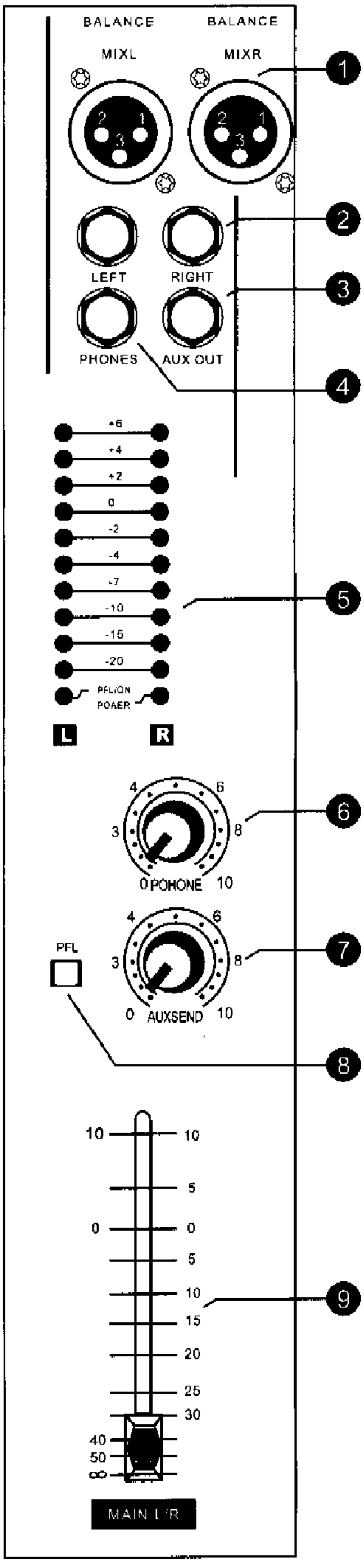
This is the lamp which indicates the input signal level of this appliance (regardless of output) when GAIN volume is adjusted.

## CHANNEL VOLUME

These are used for adjusting the volume of signal sources, which are connected to the relevant channels.

## 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 channels are automatically cut off.)




# MASTER SECTION

## BALANCE OUTPUT

These are jacks to send the finally mixed outputs to the other appliance (amplifidr).

## UNBALANCE OUTPUT

These are jacks to send the finally mixed outputs to the other appliance (amplifidr).

## AUX OUT

This jack is to be connected with input jack of AUX amplifer when using separate AUX amplifer.

## HEAD PHONES JACK

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

## LEVEL METER

This is a lamp which indicates output levels of left and right channel and operating conditions of the appliance, thus you can see all output conditions with your eyes.
Make sure the output levels should not exceed the LED indicator.

## HEADPHONE LEVEL

These are used for adjusting volume of headphone out put.

## AUX LEVEL

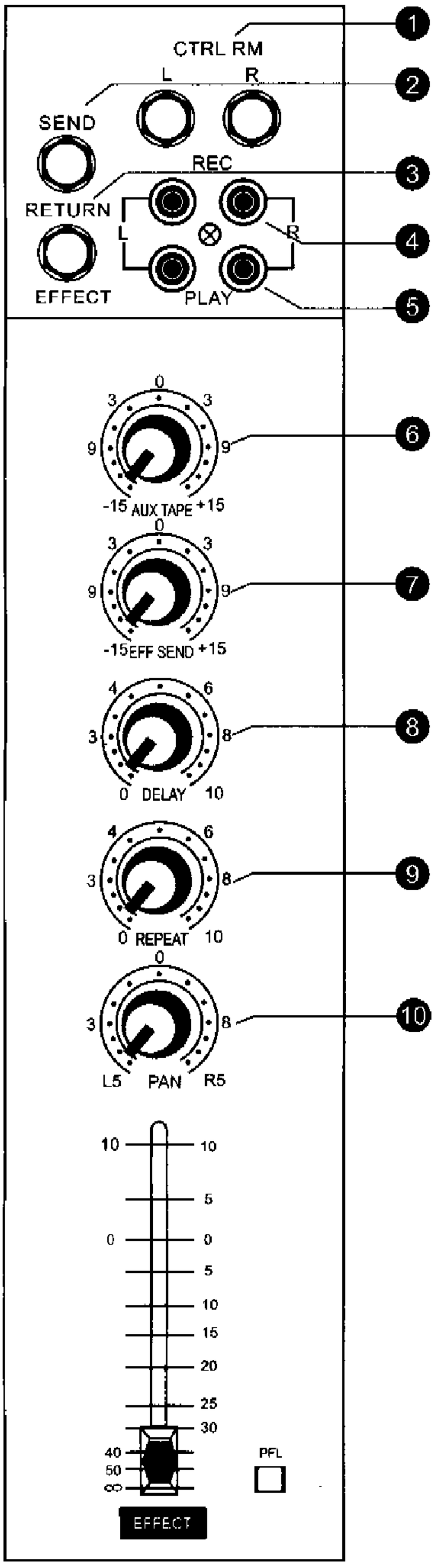
These are used for adjusting volume of AUX out put.

## PFL SELECT BUTTON

Push down to select the phone level to send out L/R signals level of PFL signals.

## MASTER VOLUME (L/R)

This is used for adjusting volume of finally mixed out puts (L & R) and sending the relevant signals to input channel of main amplifier.




## CTRL RM

This jack is to be connected with the input jack of monitor amplifier when using separate monitor amplifier.

## EFF SEND

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

## EFF RETURN

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

## RECORD PIN JACK

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

## PLAY PIN JACK

This jack is to be connected with cassette deck when playing back.

## AUX IN

You can adjust the volume of AUX IN signal by this when connecting AUX IN.

## EFF SEND

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

## REPEAT

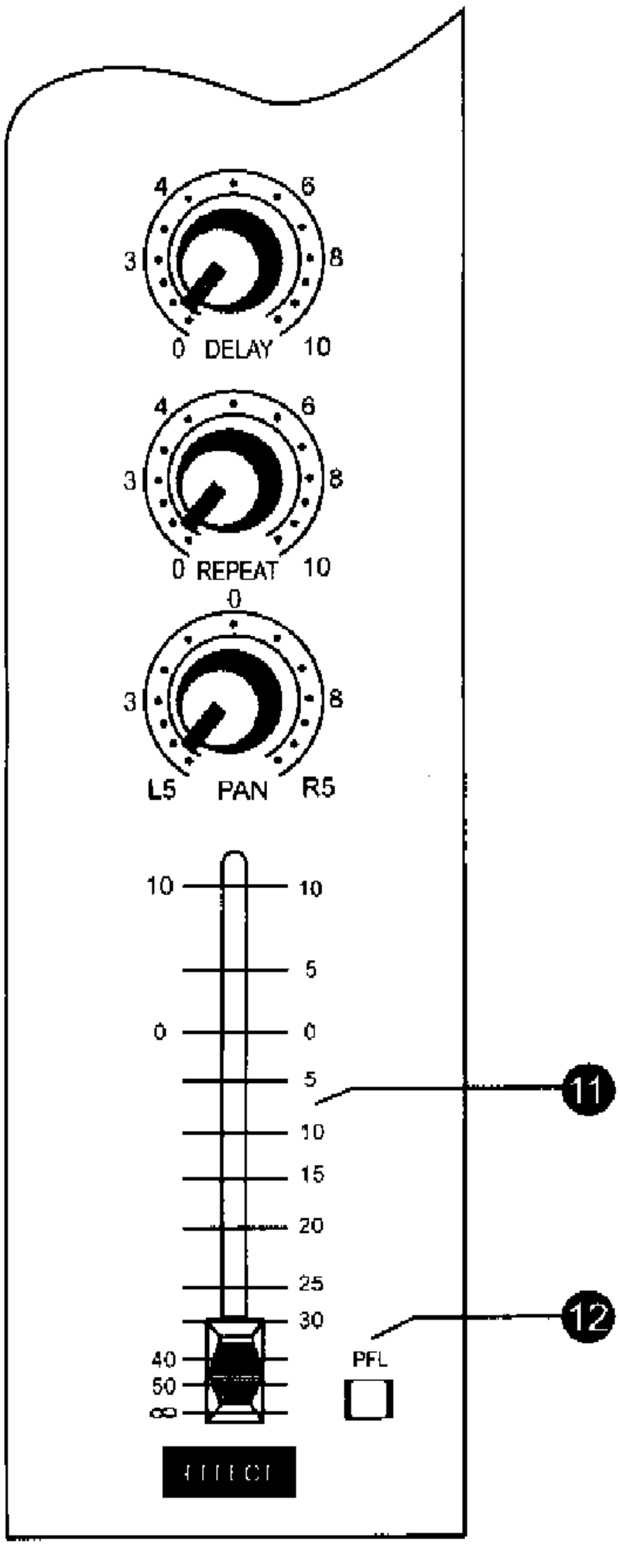
This is used for adjusting frequency of echo repeat. Since too much echo repeat may cause a howl. Please adjust frequency properly.

## DELAY

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

## PAN

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

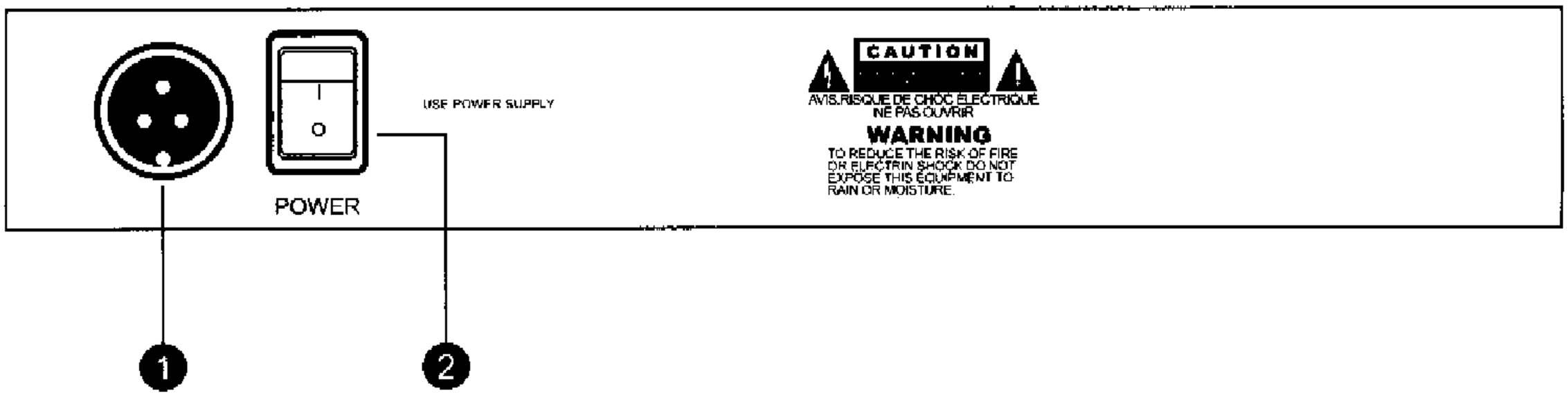



## PFL

When you want to monitor echo sound & external effector sound, you can adjust this control through the headphone.

## EFF/RETURN

This is used for adjusting volume of echo sound when connecting sound to RETURN jack.




## POWER SUPPLY INPUT SOCKET

Connect the power supply unit to this socket.Make sure the power supply unit is not plugged into mains before connecting to the mixer.

## POWER ON/OFF SWITCH

This switch turn on and off the power of the unit.

## SPECIFICTIONS

| MODEL / CONDITON | 6 channel/8 channel/ 12 channel |
|---|---|
| Input Sensitivity | -60dBm-40dBm |
| Nominal Input Level | Mic-60dBm<br>Line-20dBm<br>Eff Ret-20dB<br>Aux In-20dB<br>Tape In-10dB |
| Nominal Output Level | Eff Send-10dBm<br>Aux Send 0dBm |
| Common Mode Rejection | -70dB |
| Output Voltage (mixer part) | 4V Max |
| S/N Ratio | ≥80dB |
| THD(1KHz Full Power) | Less than 0.03%<br>(at 1KHz) |
| Frequency Response | 20Hz-20KHz±3dB |
| Headphone | 7V/220 Ω |
| Parametric EQ | Hi±15dB/12KHz<br>Mid±15dB/2.5K<br>Low±15dB/80KHz |
| Power Consumption | 30W |
| Power Supply | AC 220-240v/50-60Hz |

# BLOCK DIAGRAM