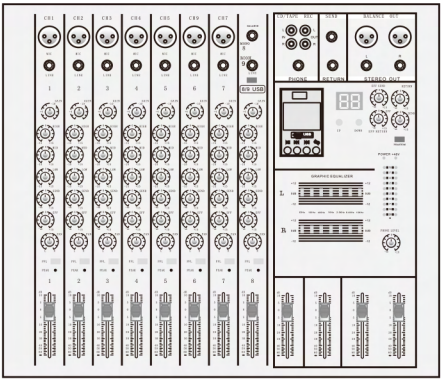
BT-122MX

12 CHANNEL

boytone

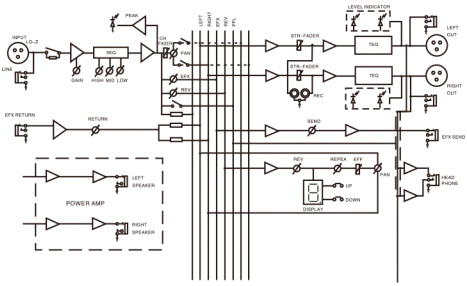
MIC/LINE MIXER OWNERS MANUAL



SPECIFICATION

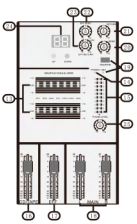
1.SENSITIVITY MIC：60dB
LINE：20dB
EFX SEND：-20dB
EFF RETURN：-20 dB
2.OUTPUTS： 4V MAX
3.SNR： -80dB
4.FREQUENCY RESPONSE:20Hz-20K±Hz3dB
5.HEADPHONE OUTPUT：7V220Ω
6.THD: 0.1%below(1KHz Full power)
7.EQ Hi（±15 dB/10KHz）
MID（±15 dB/3KHz）
LOW（±15 dB/80Hz）
8.POWER: AC 220V/50Hz or 120V/60Hz

BLOCK DIAGRAM

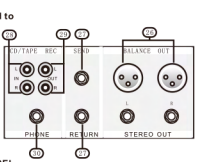


CHANNEL CONTROL

1.MIC INPUT
These are balanced XLR-type microphone input jacks.
2.LINE INPUT
These are unbalanced phone-jack stereo line inputs.
3.GAIN CONTROL
Adjusts the input signal level. To get the best balance between the S/N ratio and the dynamic range.
4.HIGH
5.MID
6.LOW
7.SEND
Use this control to set the level of signal from external stereo source and the main signal control is recontrolled by STEREO or MONO section.
8.EFFECT
Use this control when u want to get effect sound by adjustment of input signal
9.PAN
The pan control sends continuously variable amounts of the post fader signal to either the left or right main busses.
10.PFL
Turn this switch on to send the effect signal to the PFL bus.
11.PEAK
The peak level of the post-EQ signal is detected, and the PEAK indicator lights red when the level reaches 5 dB below clipping.
12.CHANNEL FADER
Adjusts the level of the channel signal. Use these faders to adjust the balance between the various channels.
13.GRAPHIC EQUALIZER
Double 7 band equalizer is provided for tone control over each frequency and for precise high quality sound by final tone control.
14.POWER LED
15.OUTPUTS LEVEL INDICATOR
Level meter which shows output levels of left & right channel condition on the way of operation.Therefore u can see output condition through master level indication
16.CD/TAPE LEVEL
You can adjust the volume of TAPE in signal by this when connecting tape in.
17.EFFECT LEVEL
Adjust signal level of echo repeat & external effect.
18.OUTPUT MAIN FADER
Adjustment for volume of left/right output.Unity gain is the top of their travel.
19.PHANTOM POWER
LED will be turned on when phantom power start working.
20.EFX SEND
When you use STEREO board,you can adjust the sound volume of all kinds of effector outside
21.EFX RETURN
Control the level of EFX inputs signal
22.EFFECT RETURN
Adjust volume of echo sound when sending echo sound to SEND jack in EFFECTS pannel
23.EFF RETURN
Adjust frequency of repeat,since echo repeat may cause a nowl, please adjust frequency properly
24.Display
When press have perfect effect.Effective posture can be turned up.
25.PHONES LEVEL
Press the button u can adjusting the volume of monitor echo.



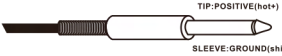
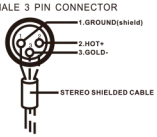
26.BALANCE OUT
In this product,the final confirmed sound can be send to main amplifier through XLR & 1/4 jack.
27.STEREO AUX RETURN & SEND
This can be used to connect all kinds of effects from outsides
28.CD/TAPE INPUT JACK
This jack is to be connected with cassette deck when palying back.
29.RECORD PIN JACK
This jack is to be connected with cassette deck when recording the mixed output.
30.PHONES JACK
Monitoring the master signal and each channel with PFL
31.THE USB interface player
Mp3 control is on the last channel,when you need can press the switch button.



BACK PANNEL

32.AC INPUT
33.POWER SWITCH

UNBALANCED 1/4" PLUG



FAMALE 3 PIN CONNECTOR