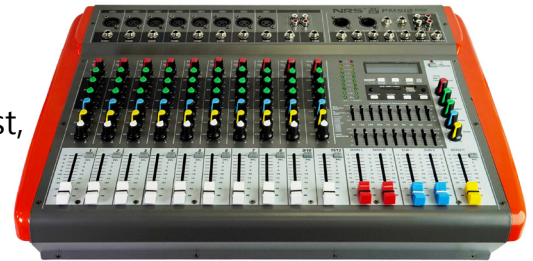


**Model Number: 16647**

**12-channel mixer + 500WX2 amplifier including Bluetooth MP3 USB**

### Features:

- DIGITAL DELAY- Delay system in HI-FI will help acquire better echo effect.
- EFFECT GRADE ADJUST AND DISPLAY- Effect grade adjust, with display screen.
- GAIN CONTROL/PEAK LED - Use Gain Control and Peak Led to control input signal and prevent distortion caused by overload.
- TAPE INPUT/REC OUTPUT - Connect with cassette to play or record.
- HEADPHONES PRE MONITOR
- XLR microphone input, provides a 48V phantom power for meeting room microphone.
- With USB and SD interface design, supports a wide range of removable storage devices. Using double decoding USB.



**לצפייה באתר לחץ כאן**

### Specifications:

| Item               | 12-channel mixer + 500WX2 amplifier including Bluetooth MP3 USB |
|--------------------|-----------------------------------------------------------------|
| Model              | 16647                                                           |
| Input Sensitivity  | MIC 2mv-1v                                                      |
| Line Output (Max)  | 4V Max                                                          |
| Snr                | >71dB                                                           |
| The                | <0.1%                                                           |
| Frequency Response | 20Hz-20KHz $\pm$ 2dB                                            |
| Earphone           | 900mV                                                           |
| Tape               | 1V                                                              |
| Eq                 | HI $\pm$ 15 dB/10KHz                                            |
|                    | MID 15 dB/2.5KHz                                                |
|                    | LOW $\pm$ 15 dB/80Hz                                            |

## Front Panel:



1. **BALANCE INPUT:** XLR plug is for balanced signal input, connect to microphone.

2. **BALANCE&UNBALANCE INPUT:**

Connect to linear signal output such as cassette, tuner or mixer.

3. **PEAK indicator**

Display input signal level for gain value adjustment.

4. **PAD**

Press to attenuate input signal 20dB.

5. **GAIN**

Adjust sensitivity of each channel to acquire proper level.

6. **HIGH**

Adjust high frequency audio. Normally at "0". Can be adjusted according to location of speaker, audiences , or audiences' liking. Clockwise to increase, vice versa.

7. **MIDDLE**

Adjust Mediant of each channel. Refer to HIGH for method.

8. **BASS**

Adjust Bass of each channel. Refer to HIGH for method.

9. **AUX**

Adjust AUX level of each channel.

10. **EFFECT**

Adjust echo of each channel.

11. **BAL**

Adjust signal distribution in LefURight channel to acquire best STEREO effect.

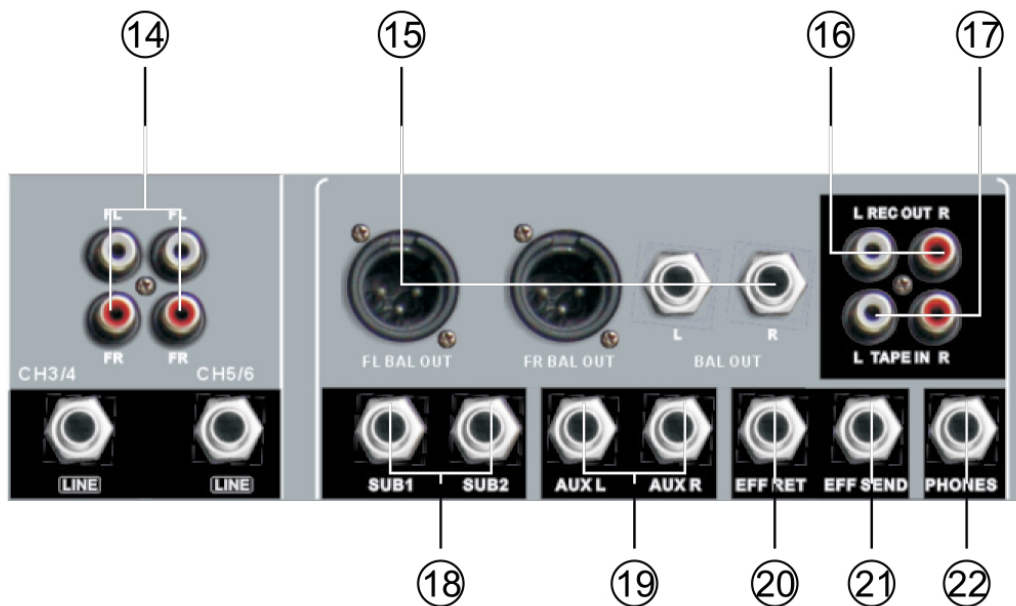
12. **PFL Pre Monitor**

Set PFL at "ON", use headphone to monitor signal in selected channel.

13. **CHANNEL VOLUME**

Adjust volume of each channel.

## Front Panel:



### 14. AUDIO INPUT

Connect with music sources-DVD,CD .

### 15. BAL OUTPUT (LEFT/RIGHT)

Output the final signal in balanced or unbalanced mode to other devices.

### 16. RECORD sockets

Connect to the input jacks of the cassette recorder.

### 17. TAPE sockets

Connect to the output jacks of the cassette recorder.

### 18. SUB OUT sockets

Connect to the power amplifier or active woofer.

### 19. AUX OUT sockets

Not echo effect music output jacks, Connect to the power amplifier or active woofer.

### 20. EFF RET

Effect Return, it is used to connect to output jack of external digital device.

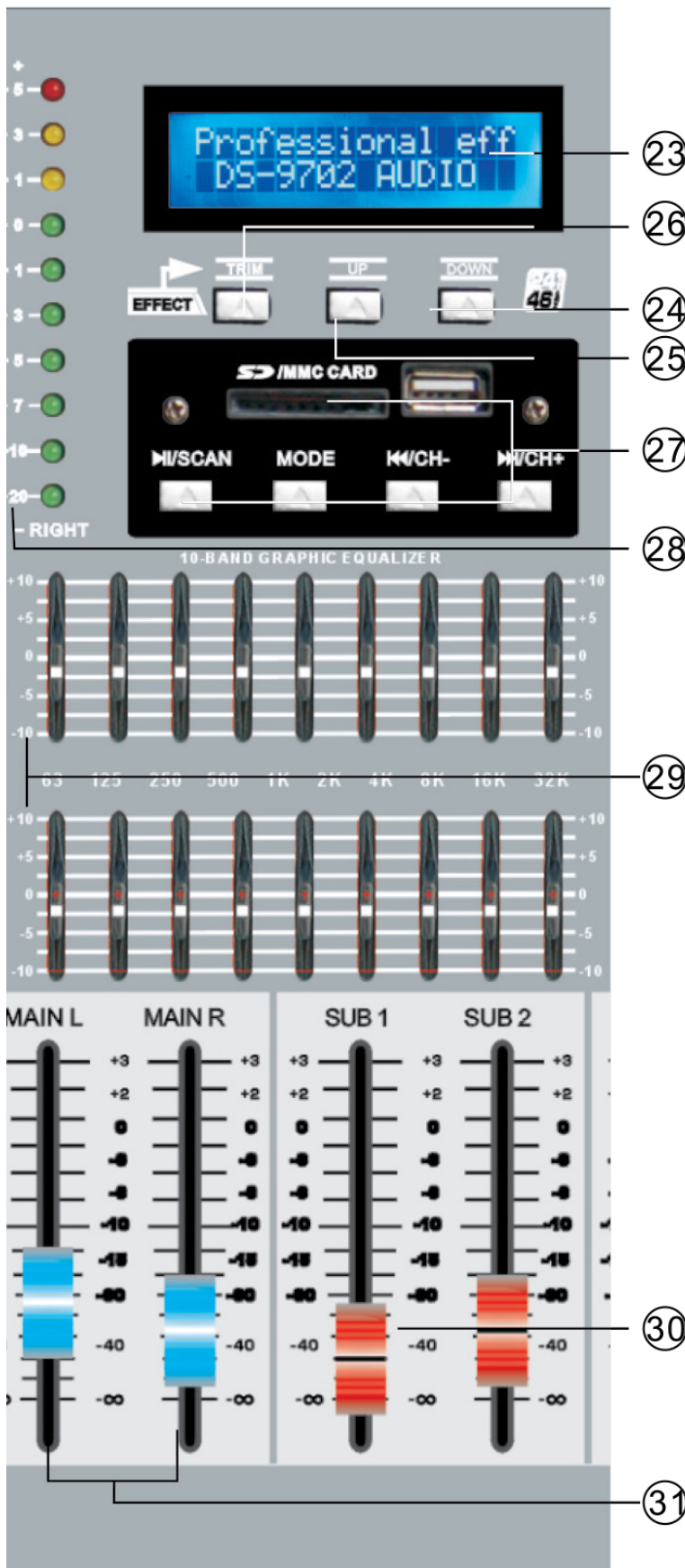
### 21. EFF SEND

Effect Send, it is used to connect to input jack of external digital device.

### 22. PHONES socket

Connect to earphone, it is used to monitor master channel signal or signals from other channel.

## Front Panel:



### 23. Display window

24. **DOWN**: Select an effect mode  
DOWN & effect trim down

25. **UP**: Select an effect mode UP

Note: Press UP & DOWN at the same time, display "SYS RESET WAIT", then press TRIM. the machine can resume to factory default settings.

### 26. Effect mode fine-turning select

button: Note: only when it is at the two adjustable modes, either P-01 mode or P-06 mode, this button is active. When indicator shows one mode of the two modes above. press button DOWN or UP to adjust. But when it is at the fixed mode: E-01 to E-63 mode, this button is inactive. That is, at that time the effect mode can not be adjusted. and also the indicator shows inactive indication SORRY KEY ERROR.

### P-01~P-02 echo effect model

1. **ECHO LVOL**, Effect scale left adjustment (range: 00-99%)

2. **ECHO RVOL**, Effect scale right adjustment (range: 00-99%)

3. **REPEAT L**, Echo repeat times left adjustment (range: 00-99%)

4. **REPEAT R**, Echo repeat times right adjustment (range: 00-99%)

5. **DELAY L**: Echo delay time left adjustment (range: 20-320ms)

6. **DELAY R**, Echo delay time right adjustment (range: 20-320ms)

## Front Panel:

### P-03-P-04 REV effect model

1. REV VOL, REV effect scale adjustment (range: 00-99%)
2. REV LEVE, REV deepness adjustment (range: 00-99%)
3. REV TIME, REV delay time adjustment (range: 00-320ms)
4. LOW PASS, Low frequency adjustment (range: 02-20KHz)

### P-05~P-06 Echo+ REV effect model

1. REV VOL, REV effect scale adjustment (range: 00-99%)
2. ECHO VOL : Echo effect scale adjustment (range :00-99%)
3. REPEAT, Repeat times adjustment (range: 00-99%)
4. ECHO TIME, Echo delay time adjustment (range: 20-320ms)
5. REV LEVE, REV deepness adjustment (range: 00-99%)
6. REV TIME, REV delay time adjustment (range: 00-320ms)
7. LOW PASS, Low frequency adjustment (range: 02-20 KHz)

### 27.USB and SD interface.PLAY/PAUSE,

PREV, NEXT, USB work mode switch .

(In the mode of FM, it is searching function).

In USB mode, this key is for Down play

(In radio mode, this key is used to adjust FM channel Down). In USB mode, this key is for

Upward play

.A.(In radio mode, this key is use d to adjust FM channel Upward).

MODE:.A.FM/MP3/Bluetooth Signal conversion key

### 28. OUTPUTS LEVEL INDICATOR

DISPLAY the output level of left channel and right channel.

29. L- EQ: L-CH 9 band equalizer with a rang of  $\pm 1$  OdB. R - EQ: R-CH 9 band equalizer with a rang of  $\pm 10$ dB.

30. Control SUB1/SUB2 output level.

31. MASTER VOLUME (Left/Right)

Adjust output volume of Left/Right channel.

### 32. Phantom Power LED

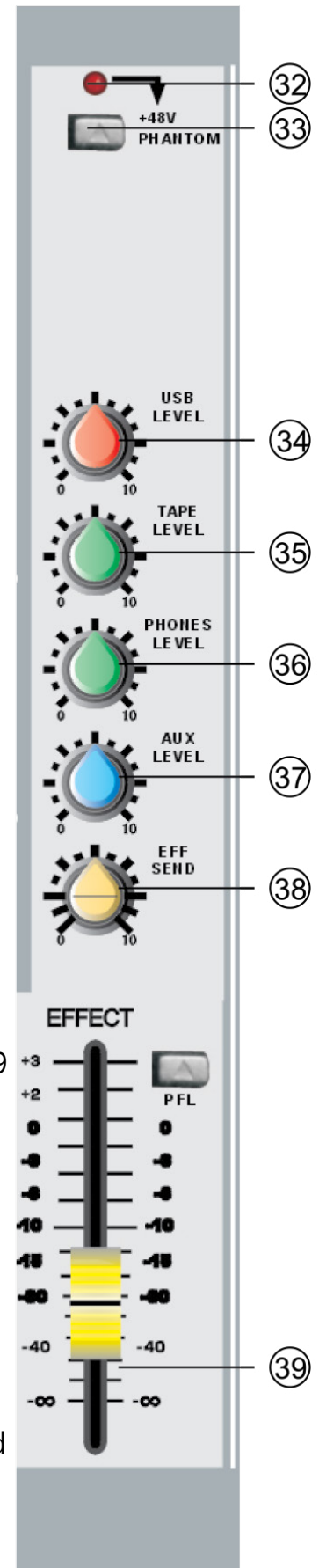
When phantom power is on, the LED will be light.

### 33. PHANTOM POWER control

Press to turn on the phantom power. Then

XLR socket can be used to connect to condenser microphone. Detailed information can be found in PAGE 7.

33.Control USB output level.



## Front Panel:

35. Control TAPE output level.

36. PHONES LEVEL

Adjust volume of headphone

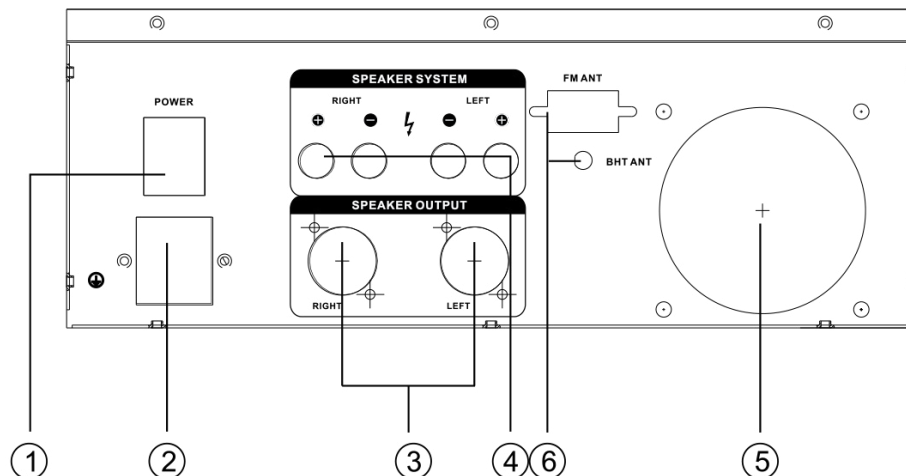
37. Control AUX output level.

38. SEND

Control effect output level and adjust the ratio of echo and direct sound to make a better effect.

39. EFFECT VOLUME Adjust volume of effect.

## Back Panel:



1. POWER SWITCH

2. BUILT-IN THE SAFETY POWER INPUT SOCKET

Before using, be sure that the supply power is right. And the fuse specification is same according to the indicator when replacing.

3. SPEAKER OUTPUT (L/R)

4. SPEAKER SYSTEM (L/R)

Do not let the speakers cord be in short circuit. Place the Left and right speakers right, and sure to the "+", "-" correct, otherwise the sound is unnatural. When using two speakers, the speakers impedance are 4-160.

5. FAN

Do not let any foreign object fallen into the unit. Otherwise it would cause malfunction and reduce the lifetime of the unit.

6. BLUETOOTH/FM ANTENNA