Due to the continuous improvement of the product, the technical parameters in this manual are subject to change without notice!

封底

Nx4 Mixer parameters (Combination of analog mixer and digital sound card)

Frequency response	+5 5dB /2 5dB 20Hz - 20kHz (Reference rated output level@1kHz ; GAIN Knob : min
THD +N	0 05%@ +10dBu 20Hz-20kHz ;(GAIN Knob : max
S.N (20Hz-20kHz)	-82dBu
Crosstalk (1kHz) ≥	60dB
Input channel	MIC *2 , 2MIC , PC , 2LINE , USB , BT , 3 MAIN
Output channel	STEREO OUT 2 ,2 MAIN MAIN PH OUT ; MIN LOOP BACK OUTPUT ;2 REC
Bus bar	STEREO ;
Input channel function	HPF 80Hz 80Hz ;12dB Grdrow ;CH3 JU EQ HIGH Gain : +15dB /-15dB Frequency : 10kHz Slope ;4 EQ LOW Gain : +15dB /-15dB Frequency : 100Hz Slope ;4 PEAK LED lights up when the signal after EQ reaches 3dB below the distortion
LED indication	MAIN STEREO LEVEL Knob, When the MAIN LEVEL signal reaches -15dB When the green light is on when the distortion is 3dB below the distortion, the red light is on.
Input and output level	MIC ;40dB 3.1kΩ OUTPUT ;40dB 3kΩ OUT (+12dB)
USB audio	2IN 2OUT USB Audio 2.0 compatible
Effect category	Independently adjust the volume effect, digital effect processing
Phantom power supply voltage	Support large-diaphragm condenser microphone
Voltage adapter	DC 5V 2.5A

24DSP	
Reverberation	
1. Simulate reverberation in small spaces such as concert halls	
2. Simulate the reverberation of the acoustic environment of a small space (auditorium)	
3. Simulate the reverberation of large spaces such as theaters	
4. Echo of the mountain	
Electronic synthesis sound	
5. Electronic Mix	A flat major
6. Electronic mixing	A major
7. Electronic mixing	B flat major
8. Electronic mixing	B major
9. Electronic Mix	C major
10. Electronic mixing	D flat major
11. Electronic mix	D major
12. Electronic mixing	E flat major
13. Electronic mixing	E major
14. Electronic Mix	F major
15. Electronic Mix	G flat major
16. Electronic Mix	G major
17. Electronic Mix	Chromatic scale
Special sound effects	
18. Female Voice	
19. Uncle Tone Flanger	
20. Children's Voice	
21. Children Echo	
22. Magic sound (male)	
23. Magic Sound Echo (Male)	
24. Original Tone	

Input and output port connection part

Mixer Manual

Please keep the manual properly for future reference

封面

— Instructions for safe operation —

⚠ WARNING

Installation

- Please connect the power supply correctly according to the instructions of this equipment manual to avoid Fire or electric shock caused by improper connection and operation.
- Please avoid direct sunlight, rain or water droplets into the body of the device.
- Do not place the device in contact with liquids or small metal objects on the machine Body, prevent liquid or small metal objects from falling into the body, creating a short circuit and causing a fire.
- When the device is not used for a long time, please unplug the power supply.
- Do not disassemble or modify this machine by yourself, otherwise you will lose the right to warranty!!!!!!.
- Avoid placing heavy objects on the device or power cord.

operation

- Do not scratch, bend, twist, stretch or heat the power cord, avoid Damage to the power cord may cause fire or electric shock.
- Do not remove or open the cover of this device without authorization.For maintenance or repair, please contact the agent dealer.
- Do not modify the device without authorization to avoid damage to the equipment.
- If the device emits smoke or abnormal odors, please turn off the power switch of this device as quickly as possible and unplug the power cord from the power socket.
- The power cord can only be used with the AC power adapter of the attached Input.If replaced with other types of adapters, leakage or power supply may occur short circuits.

When the abnormal operation occurs during

- If the power cord is damaged (such as cut or exposed core), please contact the agent Purchase replacement power cord.
- If the device is dropped from a high place or the casing is damaged, please turn off the power immediately and unplug the power cord from the AC power socket, and contact the agent Reseller contact.
- When you find any abnormalities, such as smoke, peculiar smell or abnormal noise, please immediately turn the power switch momentarily, and unplug the power plug.

⚠ NOTE

Installation

- Please avoid using the device in the following situations: Exposure to splashes of oil and steam, such as near kitchen stoves, humidifiers, etc.
- Exposure to vibration, such as wobbly table tops or slopes.
- Exposure to excessive heat, such as in a car with closed windows or a place exposed to direct sunlight; Exposure to excessive dust and dirt.
- Do not place the power cord near the heater to avoid melting of the wire. Causes fire/electric shock.
- When unplugging the power plug from the AC power outlet, please grasp the plug part. Do not pull the cable directly.
- Do not touch the power plug with wet hands.
- If you move the device, please unplug the power cord from the AC power outlet, disconnect and remove all phase connecting cables.

operation

- Please use this equipment in a well-ventilated environment.
- If you do not use the device for a long time, please disconnect the power plug from AC power.The screw is unplugged.

Operation guide:

In order to better help you understand the functions and features of this product, please read this manual carefully before installation and operation.

- The illustrations in this manual are for explanatory purposes only.

Note

When the device is in normal working condition for a long time, the temperature of the body may rise to 70-20℃. But if the external environment temperature exceeds 30℃, the power output The temperature of the plastic casing at the inlet may exceed 50℃. Please handle it carefully to avoid burns.

Accessories in the package:

- Do power adapter ×1
- PC data cable ×1

*** Channel section of the top panel (inputs: 1 to 2):**

1. **(MIC ; LINE)Mono input jack (channel 1-2) :**
   Connect to microphones, musical instruments or audio equipment (CD players, etc.), supports XLR and phone (TRS) plugs.
2. **(PHANTOM -48V)Switch (channel 1-2) :**
   When the switch is turned on, the LED lights up, indicating that the device (MIC/LINE) mono input jack (1-2) can provide +48V phantom power supply. When using the device to provide phantom power supply, be sure to set this switch to off. To prevent noise and damage to external equipment, please follow observe the following:
   1)Before connecting other equipment connected on channel 1-2 does not require phantom power supply, make sure that the switch is turned off.
   When the phantom switch is turned on, please do not connect/disconnect the cable on 1-2 channel mono input jack, and make sure the LEVEL and knobs of channel 1-2 by the minimum.
3. **(HPF)(High-pass filter) switch:**
   After the high-pass filter switch is turned on, it attenuates frequencies below 80 Hz. When speaking or singing, you may need to turn on this switch to The sound of movement and breath was reduced to a minimum.

4. **(PHANTOM -48VLED)Indicator light (channel 1-2).**
   The LED light is on, indicating that the mono input ports 1 and 2 of the device (MIC/LINE) can be used for DC-48V phantom power supply.
5. **(MIC)2V Condenser microphone jack**
6. **(GAIN)Knob:**
   Adjust the basic volume of each channel of channel 1-2. When singing and playing at the maximum volume, the corresponding (PEAK) LED will flash briefly.
7. **8 High pass filter knob:**
   Use the (HIGH) (high frequency band) and (LOW) (low frequency band) knobs to adjust the sound quality. If you don't need to adjust the sound quality, you can set the knob mark to the (vertical) position.
8. **(FX ON)/TOP PC REC: switch**
   (FX ON)/TOP PC REC: Used to select the FX output from each channel, the PC recording output, and the main output or monitor output signal. When this button is pressed, all outputs are added to FX, and in PC mode, you can select the PC to record the program signal currently heard. (To channels are valid). When the button pops up, the whole machine output has no effect added and PC recording is not possible.
9. **(PEAK)LED:**
   When the volume of the input signal\the volume controlled by the equalizer' s too high, this light will light up. If it flashes frequently, please turn the (GAIN)knob 5 to the left to lower the volume.
10. **(BALANCE)Knob:**
    Used to adjust the volume balance between each channel, usually this switch is set to the "three o'clock" position.
11. **(MAIN LEVEL)knob:**
    Control the total volume output from (MAIN OUT).
12. **(MAIN) PH)Knob:**
    Control the volume output from the (MAIN PH) 5).
13. **3.5MM(PH)Output jack:**
    Used to connect headphones. Support stereo PH type plug.
14. **3.5MM(AUX)Jack:**
    When this switch is turned on, all effects are interrupted, the effect processing sound is removed, and effects cannot be changed and operated. After turning off this switch, the effect state before the interruption can be restored.
15. **Four-pole connector input/output:**
    It can output signals to mobile phones or other audio equipment with the same function, which can be used for mobile phone live broadcast and return with microphone. Please choose a low-noise four-pole audio cable
17. **Channel 1-2(MIC/LINE)FX volume knob:**
    Adjust the effect volume of the microphone/audio device.
18. **Power indicator:**
    Connect the power supply according to the specification, the indicator light is on, and the equipment power supply is normal.
19. **MAIN signal light:**
    If the signal light is always on, it indicates that the signal is stable.
20. **MAIN Volume level peak indicator:**
    When the main output signal is too high, the light turns on; if it lights up frequently, adjust the (GAIN) knob (5) to the left, or adjust the channel volume (10) and main output volume (11) to the left to decrease volume.
21. **Auxiliary input control (USB, PC, BT,), PC recording, USB recording volume:**
22. **(PROGRAM) 24 kinds of effect selection buttons:**
    Use the buttons "UP" and "DOWN" to select one of 24 effects. When the number in the display stops flashing, it means that the effect has been Selected.
    Note: Keep pressing "UP"/"DOWN", you can select an effect by referring to the effect list on the body.

23. **Auxiliary selection of USB, PC, BT, LINE for PC recording, USB recording input:**
    The first key on the right is the mode selection key. Press this key to select different signal input sources one by one. The signal source can only be selected from all input devices one of:
    1)USB mode: After disconnecting the PC, you can only switch to BT/LINE mode; the signals of PC and U disk cannot be loaded at the same time.
    1) USB mode: After disconnecting the PC, you can insert the U disk and use this mode. When the USB mode is selected, the signals of PC and U disk cannot be loaded at the same time. Insert the U disk and Press the second button on the right to play the next song, and the third button on the right to skip to the previous song. The fourth button on the right is to pause/continue playing.
    2) PC mode: Connect the computer to the device with a USB cable, and insert a USB device, you can enable U disk recording by long pressing the fourth button on the right, and long pressing again to end USB recording.
    3)BT mode: When using the PC mode, please remove the U disk to avoid device errors. After connecting to the PC, switch to the PC mode, and you can use PC recording software to record the broadcast.
    4)LINE mode: In this mode, it is the local operation of the traditional mixer, and all digital signal sources are disabled. 24. Multifunctional LED display: synchronously display the current operating status (USB, PC, BT, FX, LEVEL USB LEVEL, BT LEVEL).
24. **Multifunctional LED display:**
    Simultaneously display the current operating status (USB, PC, BT, LINE/G1, G2, PC, USB)
25. **PC, USB input signal selection switch:**
    When the PC, USB, BT, LINE/G1 are disconnected, the device will read the relevant lines in the USB, and the device will reconnect to the PC after it is ejected. The PC needs to check whether this button is used for real-time recording in the pop-up state. PC recording cannot be realized by pressing.
26. **USB port: Connect to the USB port of the computer, connect to the U disk, and read the audio files in the USB flash drive by inserting the USB flash drive. Use 24 to switch.**
27. **MAIN OUTPUT is the main output signal port.**
28. **REC is the recording output port, can connect to additional external recording equipment through the REC port. (TS) (MONO) (STEREO) can adjust the level here.**
29. **REC port, 2MIC input jack, 3MAIN, 2LINE stereo signal input jack.**
30. **1/4 (6.35MM) stereo signal input jack.**
31. **3.5MM audio connector input terminal, which can be connected to the audio input of mobile phone or other audio equipment. (TRS) (TRRS) (TRRRS) can be connected to the device, (TRRS) (TRRRS) is used as stereo (L, R) input, and the high and low bass adjustment of the input is not available.**

1. **(DC 5V IN) DC power input interface:**
   Use the power cable provided with this machine to connect this interface to the USB interface of the PC, obtain power through this interface.
   In order to facilitate the use of the device in different environments, we have configured two power input methods: 1)Use the power cable to obtain power from the USB port of the computer; 2)Use the DC 5V power adapter to supply, and you need to select the power cord to plug into the DC power interface. Or the user can use a larger capacity power bank to power the device, and also use the power cord to connect to this interface (do not use the power adapter provided).
   Note: This machine needs to be in the 5V 2.5A power supply state to work normally at full load. It is forbidden to connect and use this machine when the parameters of the adapter cannot be determined, so as to avoid damage to the equipment.
   2) If you can only choose PC USB power supply, in order to reflect the high-quality recording effect of the device, it is recommended that you choose a PC device with a high configuration. Under this power supply mode, the device can only support the recording of music appreciation, and it is not recommended to use it in single-audio channel/all music combination.
2. **(POWER) Power switch button:**
   Press the switch knob, the device is in the DC 5V state to supply power; pop out the switch, you can use the USB port to supply power.
3. **(USB 2.0) interface:**
   Use the PC cable provided with this machine to connect this interface to the USB interface of the PC, obtain power through the USB port of the PC, or connect to the standard adapter for use.

Federal Communications Commission (FCC) Statement. This device complies with part 15 of the FCC Rules. Operation is subject to the following twoconditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received,

including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide Reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one ormore of the following measures:

•Reorient or relocate the receiving antenna.

•Increase the separation between the equipment and receiver.

•Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

•Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by ENPING TEYUN AUDIO EQUIPMENT CO.,LTD may void the FCC authorization to operate this device.Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF exposure statement:

The device compliance RF exposure requirement and can installed and used without restriction.