

流媒体功率放大器

接口说明

The diagram illustrates the Media Power Amplifier from two perspectives: a top view and a rear view.

Top View Labels:

- 菜单旋钮 (Menu knob)
- 电源开关 (Power switch)
- 显示屏 (Display screen)
- 红外接收端口 (请勿遮挡) (Infrared receiver port, do not block)
- 音量旋钮 (Volume knob)
- 旋钮指示灯 (Knob indicator light)
- 旋钮指示灯 (Knob indicator light)

Rear View Labels:

- WiFi和蓝牙天线 (WiFi and Bluetooth antenna)
- 输入灵敏度开关 (Input sensitivity switch)
- 以太网接口 (Ethernet port)
- 外壳接地柱 (Chassis ground pin)
- 扬声器输出:右声道 (Speaker output: Right channel)
- DC电源输入 (DC power input)
- USB输入 (USB input)
- 光纤输入 (Optical input)
- 同轴输入 (Coaxial input)
- 线路输入 (Line input)
- 低音输出 (Bass output)
- 线路输出 (Line output)
- 扬声器输出:左声道 (Speaker output: Left channel)

USB接口 (用于固件升级和本地播放取数U盘)

立体中文流媒体功率放大器

*注：后面板USB和侧面板USB都可以用于USB解码，两个USB同时插入设备时，前面板USB优先，后面板USB无效。

开关机

AIR AMP DC电源接口连接48V电源后，按下电源开关即可开机。开机状态下，再次按下电源开关使其弹出，即可将AIR AMP关机。AIR AMP开机状态下，长按音量旋钮或按下遥控器静音键，可以使AIR AMP进入待机状态。待机状态下，短按音量旋钮或遥控器电源键可唤醒AIR AMP，使其具有工作模式。

旋鈕操控

音量旋钮：
AIR AMP开机后，转动音量旋钮，可调节音量大小；顺时针转动为音量加；逆时针转动为音量减；短按可实现静音或取消静音，静音时，显示屏上会有“MUTE”字样显示。

菜单按钮：

- 切换工作模式：在主机默认状态下，直接转动菜单按钮即可进入工作模式菜单，转动按钮后可依次切换USB/OPT/COAX/LINE/BDT/STREAM/Local共7种工作模式，分别为USB解码/光纤解码/同轴解码/线路输入/蓝牙解码/流媒体播放/本地播放模式。切换到需要的模式时，短按按钮，即可切换到相应工作模式并跳转到主界面。若不想切换其他模式，长按按钮可返回主界面。

简体中文	流媒体功率放大器
● 设置菜单：开机后在界面空白状态下，短按电源按钮，即进入设置菜单，转动旋钮可切换设置项，需要修改当前设置项时，短按旋钮，菜单显示设置项名称并出现选项者则跳转到下一级设置项，以此转动旋钮即可切换不同设置项，短按后按旋钮则，此时设置项名称，且字符将不再闪烁，可以继续修改其他设置项内容。在设置菜单下，长按旋钮约2秒可返回上一级界面。	
工作模式	
AIR AMP有以下工作模式，分别为：	
● USB/蓝牙播放模式：可连接手机或电脑播放音乐。当AIR AMP前面板和侧面任一USB都插入设备时，侧面板的USB接口优先，后面板的USB无效。连接手机时模式，AIR AMP不会消耗手机电量。 (注：windows和苹果手机连接USB接口时，您需要前往手机下方USB DAC选项，并按照相应教程安装驱动后方可使用，详情请访问：http://www.fiioc.com/Driver/Download，macOS无需安装驱动运动)	
● OPT：光纤解码模式：可连接光纤输出音频输出设备解码。	
● COAX：同轴解码模式：可以连接同轴输出音频输出设备解码。	
● LINE：线路解码模式：可连接前级放大器或连接AIR AMP背面LINE IN接口，由AIR AMP进行放大处理。	
● BT：蓝牙解码模式：可以连接蓝牙设备传输输出音乐信号。首次成功连接蓝牙设备模式，AIR AMP将自动进入配对状态，此时前面板AMP上方会出现“PAIRING”字样，然后再再次进入蓝牙接收模式时，将自动返回上一次连接设备。 (注：AIR AMP蓝牙支持蓝牙音频播放，不支持通话功能)	
● STREAM：流媒体播放模式：支持同一局域网下的设备通过AirPlay，RocketHub或Roon播放设备播放音乐。 AIRPLAY：iOS设备通过iOS设备与AIR AMP连接到同一局域网时，可以通过设备上方AIRPLAY图标连接，通过WiFi网络有线网，在AIR AMP上播放。 ROON：通过Roon连接NAS上安装Roon Core设备，通过WiFi或有线网络，把高无损音频信号，发送给AIR AMP输出。 Qplay：在手机上安装Qplay APP，可以通过Qplay音乐自带的设备投放功能，发送给AIR AMP输出。	
● LOCAL：本地播放模式：将插入AIR AMP背面的USB A接口，手机安装FiiO Control APP后，手机与FiiO Control连接到同一局域网下，可通过APP直接播放和播放USB内容数据。安装FiiO Control APP后，可以同步并播放同局域网下的NAS服务器上歌曲。	

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固体中文		固体英文
设置菜单介绍		
设置菜单	参数说明	
OUT: 输出切换	S+P: SPEAKER OUT和PRE OUT同时输出 SPK: SPEAKER OUT有输出, PRE OUT无输出 PRE: PRE OUT 有输出, SPEAKER OUT无输出	
SUB: SUB输出控制	ON: SUB输出打开	OFF: SUB输出关闭
EQ: 均衡器	可切换设置均衡器为开关或其他均衡器效果	
BASS: 低音调节	低音调节菜单, 可设置低音增强或衰减	
TRE: 高音调节	高音调节菜单, 可设置高音增强或衰减	
BA: 声场调节	可设定在L/右声道输出偏置大小	
MAX VOL: 最大音量	可设定系统最大输出音量	
RESUME: 记忆播放	ON: 记忆播放打开	OFF: 记忆播放关闭
Rgb: 按钮指示灯亮度	0/1/2/3/4/5可设定, 0表示关闭指示灯	
UAC: UAC模式	UAC1.0模式: 用于PS5/Switch等免驱设备USB解码 UAC2.0模式: 用于视玩手机/电脑设备USB解码	
LCD T: 显示屏背光时间	1/2/5/10/30/0可设定, 0表示关闭, 其他数值表示显示屏自动关闭显示分钟	
LCD B: 显示屏背光亮度	1/2/3/8可设定, 不同等级亮度不同	
SLEEP: 定时待机	0-99 (分钟) 可设定, 到达设定时间后系统立即进入待机状态; 0表示关闭定时	

功 率 放 大 器

简体中文

NETWORK: 无线配网模式	点击进入后弹出WLAN菜单，默认选择，菜单项按钮按确认后进入配对设备列表并显示“CONNECT”字样
FW Wxxx	系统固件版本号显示
IP: 联网后IP地址显示	联网后IP地址显示
UPDATE: 系统固件本地升级入口	点击进入后系统弹出WLAN菜单，默认选择W，需要转动菜单项按钮转到真正进入升级模式
OTA CHK: 系统固件OTA升级入口	点击进入后，系统会通过网络检查是否有固件更新，若未连接网络NO NET提示，若当前固件已最新版本，则会出现NOTEST提示；若则会出现OTA W提示，转动菜单项按钮选择后点击确认，即可进入选择N转按钮按确认从而进入升级
RESET: 恢复出厂设置	点击后弹出WLAN菜单，默认选择Y后，所有参数恢复出厂状态
RETURN	返回上一级（即主界面）

均衡器使用

AIR AMP支持均衡器音源功能，可以通过电脑连接或者手机端APP调节均衡器。电脑端在使用均衡器时，需要用户通过USB线连接电脑和AIR AMP，通过AIR AMP设置页中的EQ模式，同时按设备菜单中按EQ选项为菜单项选择，因模式为OFF之外其他的选项），然后前往链接<https://fiocontrol.fio.com/点击>，选择AIR AMP，点击连接，即可进入设置。手机端需要使用的均衡器功能时，请扫描FIO Control APP二维码，下载电脑版APP并在手机上安装。手机与AIR AMP连接后到同一个局域网，打开APP选择“其他网络设备”分类搜索和连接AIR AMP。

Android APP

功 能

流媒体功率放大器

网模式。

为正确识别才

则会出现
OTA升级。

简体中文

网络连接

AIR AMP支持以太网有线连接和WiFi无线连接，两种连接方式在选其一即可。

- 将以网线接入AIR AMP以太网接口，即可实现有线网络连接，以太网连接成功后，显示屏会显示“网络”图标，如图 G
- 无线连接：首次为AIR AMP连接WiFi时，需先进入设置网络配置，AIR AMP在界面上，短按按钮进入设置菜单，转动旋钮切换不同设备选项，直到显示屏上显示NETWORK时，短按按钮，此时显示屏会显示V3N选择菜单，转动旋钮选择V3N，再次按下按钮选择，此时显示屏会显示CONNECT选择，此时使用手机打开WiFi，将网络名称为“OHA AIR AMP”地址信息，点击连接成功，再打开手机浏览器，地址栏上输入192.168.231.6或者扫描图G二维码，确认后会跳转到网页页面；如图所示

手机网页页面选择相应地点并在password栏输入密码，然后点击OK确认即可为AIR AMP完成配置，WiFi网络成功，状态栏将会显示WiFi网络信号，如图

配置完成后，AIR AMP将自动跳转返回主界面，后续每次开机都将自动连接已经配置的WiFi网络。

固件升级

- AIR AMP支持本地升级固件，请前往官网下载升级程序，并按指南教程进行版本升级。下载地址：
- AIR AMP同时支持联网OTA在线升级，详情可参考设置菜单介绍中“OTA CHC”操作说明。

[illegible]

	流媒体功率放大器	简体中文
书房/客厅 SPEAKER 输出 SPEAKER 输出		注意事项 *如采用错误型号的电池替换会有着火或爆炸的危险 *请使用配件附送的DC电源适配器。若选择其他电源适配器，请确认必须。 *应事前请预先试听送音的音量，以防音量过大而有损您的听力 *请勿将设备置于温度过高或过低（45℃以上或0℃以下）的环境下 *不可自行拆解、拆卸或将产品放在有水的地方
音量+ -EQ 音量- 播放/暂停 上一曲		包装内物品清单 (请核对包装内是否包括以下物品) ● AIRM AMP主机 ● AC电源线 ● 红外遥控器 ● 快速入门 ● 45W电源适配器 ● 售后服务卡
一个工作模式		了解更多 ●有关AIRM产品的相关规格说明和常见问题解答（FAQ），请扫描AIRM QR码 ●了解产品更多信息，请访问：www.fiiio.com
	流媒体功率放大器	
	产品名称：F3001A	
	额定电压：DC 48V—5A	
	尺寸：270x74x88x42mm	
	重量：19930g	
	执行标准：GB4943.1-2022	
	制造商：广州飞傲电子科技有限公司	
	地址：广州市白云区增城夏茅街夏茅路21号	
	由于产品不断改进,各规格及设计随时更改,恕不另行通知。	

流媒体功率放大器

配置输出电压为DC 48V

配置卡

PAQ 二维码。




环保材料说明

产品中

部件名称	铅 (Pb)	汞 (Hg)	(P)
PCB	X	○	(P)
PCBA 焊点	X	○	(P)
元器件	X	○	(P)
显示屏*	X	○	(P)
电池*	X	○	(P)
外观件	○	○	(P)
配件*	X	○	(P)

注: 表中标记“X”的部件, 符合全球技术发展水平限制而无件, 请忽略表中该部件信息。
 O: 表示该有害物质在该部件所有均质材料中的含量均在以下表示该有害物质至其在部件的某一均质材料中的含量符合中国电子行业标准SJ/T 11364-2014 和相关的中国关于组件和组件制造商, 产品及其组件上的使用期限和/或不同的环保使用期限限制。
 此环保使用期限只适用于产品在规定的条件下工作

有害物质的名称及含量			
锡 (Cd)	有害物质		
	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○
○	○	○	○

法实现有害物质的替代。带“○”号部件表示如果您所购买的产品中无该部

GB/T 26572-2011规定的限量要求以下。

量超出GB/T 26572-2011规定的限量要求。

政府法规, 本产品及其某些内部或外部组件上可能带有环保使用期限标识。

标识可能有所不同。组件上的使用期限标识优先于产品上任何与之相冲突的

English Streaming Amplifier

Buttons and Ports Labeled

The diagram illustrates the front and rear panels of the HTS1000 receiver, with the following components labeled:

Front Panel:

- Menu knob
- Power switch
- Display
- Infrared receiving port (please do not cover it)
- Volume knob
- Knob indicator light

Rear Panel:

- WiFi and Bluetooth antenna
- Ethernet port
- Housing grounding terminal
- Speaker OUT—Right channel
- DC Power IN
- Speaker OUT—Left channel
- Line OUT
- Subwoofer OUT
- Line IN
- Coaxial IN
- Optical IN
- USB IN
- Input sensitivity switch

Streaming Amplifier

Menu Knob:

1. **Switch working mode:** On the homepage, directly rotate the menu knob to enter the working mode menu. Rotate the knob to successively switch between 7 different modes: `USB/OPT/COAX/LINE/BT/STREAM/LOCAL/—USB/decoding/` Optical decoding/`Coaxial decoding/Line in/Bluetooth decoding/Streamer decoding/Local playback/`. After selecting the desired mode, short press the knob to complete the switch and return to the homepage. If no mode is selected, long press the knob to return to the homepage.

2. **Settings menu:** Turn on the device. On the homepage, short press the menu knob to enter the Settings menu. Rotate the knob to switch between different settings. When the current setting needs to be changed, short press the knob, and flashing characters will show up on the menu or it will jump to submenus. At this time, rotate the knob to switch between different settings, and short press the knob to confirm the setting. Then, the new setting will take effect with no character flashing anymore. Other settings can still be changed.

On the settings menu, hold the knob for about 2s to return to the previous page.

Working modes

The AIR AMP has 7 working modes, explained as follows:

- 1. **USB:** USB decoding, connect to mobile phones or computers. If the two USB ports on the rear and side panels are connected, the side one will prevail, and the rear one will be disabled. When connecting to a mobile phone, the AIR AMP will not consume its power.
- 2. **BT:** You will need to install the USB DAC driver when connecting the AIR AMP to a Windows computer for USB decoding. Please download the USB DAC driver on our website http://www.fioo.com/Driver_Download and follow relevant instructions to install it. For macOS, it runs driver-free.)
- 3. **OPT:** Optical decoding, connect to devices with an optical output.
- 4. **COAX:** Coaxial decoding, connect to devices with a coaxial output.
- 5. **LINE:** Single-ended line input mode, connect analog signals of the front end to the LINE IN port on the back of the AIR AMP for amplification.

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English **Streaming**

• **BT: Bluetooth decoding**, connects to devices that support Bluetooth output. When switched to Bluetooth mode for the first time, the AIR AMP will automatically enter the pairing state. At this time, the screen of the AIR display "PAIRING". In later uses when entering the Bluetooth receiving mode, the AIR AMP will automatically recall the last-connected device.

(Note: The Bluetooth mode of the AIR AMP only supports audio playback, but not voice calls.)

• **STREAM: Streaming media receiving mode**, connects the AIR AMP to the network, supporting devices under the use of music through AirPlay, Room or Qplay.

AIRPLAY: When iOS or macOS devices are connected to the AIR AMP under the same LAN, you can select the AIR AMP as the target on your devices via AirPlay; both wired Ethernet and wireless WiFi network connections are supported.

Room: After installing the Room Core on a PC or NAS, high-definition lossless music can be streamed to the AIR AMP via WiFi or wired network.

Qplay: After installing QQ Music on your phone or a music player, you can use the app's built-in device casting function stream audio to the AIR AMP for decoding and output.

• **USB: Local playback mode**, insert a USB drive into the USB-A port on the back of the AIR AMP; after installing the FIO Control APP on your phone and making sure the phone and the AIR AMP are connected to the same LAN, the user can scan and play the songs inside via USB. After installing the FIO Control app, you can access and play songs on NAS servers within the same local network.

Introduction to Settings menu

Settings menu	Introduction
OUT: Switch output	SHP: SPEAKER OUT and PRE OUT simultaneous output SPK: SPEAKER OUT outputs, PRE OUT does not output PRE: PRE OUT outputs, SPEAKER OUT does not output
SUB: SUB output control	ON: Turn on SUB output OFF: Turn off SUB output
EQ: Equalizer	Turn off the EQ or switch to other EQ presets
BASS: Bass adjustment	Set bass enhancement or attenuation

Amplifier	English
Setting the AMP will connect to	TRE: Treble adjustment BAL: Channel balance MAX VOL: Max volume RESUME: Resume mode RGB: RGB indicator light brightness UAC: UAC mode
name LAN	Set treble enhancement or attenuation Set Left/Right channel balance Set the maximum output volume of the system ON: Resume on OFF: Resume off
MP for	0/1/2/3/4/5 brightness adjustable, "0" means off UAC2.0 mode: for USB decoding of regular mobiles/computer UAC1.0 mode: for USB decoding of driver-free devices such as
ction to	1/2/5/10/30/0 minutes adjustable, "0" means constantly on 1/2/3 brightness adjustable
ling the AIR-AMP stored on	0-99 minutes adjustable, "0" means disabling this function NETWORK: WIFI access Press the knob to enter the Y/N menu. Select "Y" (default) to network access mode, and the display will show "CONNECT".
	FW Vxxx Firmware version
	IP address after connection through Wifi IP address after connection through Wifi
	UPDATE: Firmware local update entrance Press the knob and enter the Y/N menu. Rotate the menu knob "Y" (default "N") and confirm to enter the update mode.

Screaming Amplifier	English
	Press the knob and enter. The system will check if the network. If there is no network connection, "NO NETWORK" firmware is already the latest version. "LATEST" is available. "OTA Y/N" will display; rotate the menu press to confirm to enter the OTA upgrade; select "confirm" to exit the upgrade.
	RESET: Factory reset
	Press the knob and enter the Y/N menu. Select "Y" default settings.
	RETURN
	Return to the previous menu [homepage]

Ethernet introduction

The AIR AMP supports equalizer, which can be adjusted through the connected computer or equalizer on a computer, please use a USB cable to connect the AIR AMP and your USB port and in the Settings menu, set the EQ to "on" (i.e., any option other than EQ OFF). Then go to click "Connect," select the AIR AMP, and click connect to set the EQ. When using the equalizer on a mobile phone, please scan the QR code of the FIIO Control app and download the corresponding app version; make sure your phone and the AIR AMP are under the same LAN and open the app and select "Other network devices" to search and connect the AIR AMP.

Network connections

The AIR AMP supports wired Ethernet and wireless WIFI network connections. Choose either:

- Ethernet connection:
Plug the Ethernet cable into the Ethernet port of the AIR AMP to realize a wired network connection, a letter "G" icon will show on the upper left corner of the status bar of the device.

Streaming Amplifier

For firmware updates via the "NET" Wi-Fi display, if the current Wi-Fi display is a firmware update, you can select "Y" and short "N" and short press the knob to

(default) to restore all

or mobile phone. When using the app, set the AIR AMP to USB mode (<https://fiiocontrol.fio.com/>).



or when then using the device.

connection. After a successful play, as shown below: 

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English

- Wireless connection: When connecting the AIR AMP to Wi-Fi for the first time, the network needs to be configured before connecting. On the homepage, short press the knob to enter the Settings menu, and rotate to switch between different settings until the display shows "NETWORK". Short press the knob and the display will show "Y" and "N" options. Rotate the knob to select "Y", short press the knob again, and the display will show "CONNECT". At this time, turn on Wi-Fi on the mobile phone, search for "FIIO AIR AMP", and tap to connect. After a successful connection, go to the browser on the mobile phone to input "192.168.237.1" on the address bar, or scan the QR code for network connection. Confirm to jump to the network connecting page, as shown below:

Mobile network connection page: Select the corresponding hotspot and enter the connection. After a successful connection through Wi-Fi, a Wi-Fi signal icon  as shown below.

After a successful network connection, the AIR AMP will automatically return connect to the Wi-Fi network that has been configured every time it starts up.

Firmware upgrade

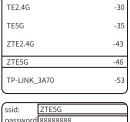
- The AIR AMP supports local upgrades. Please download the firmware on our complete the upgrade. Download link: <https://www.fio.com/support>
- The AIR AMP also supports OTA online upgrades after a network connection. operation instructions in the Settings menu for more details.

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Streaming Amplifier



Network connection QR code



Mobile network's connection page

For the password, and then tap OK to confirm
it will show on the status bar,

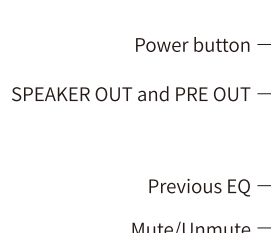
to the homepage. It will automatically

official website and follow the instruction to

For details, please refer to the "OTA CHK"

English

Infrared remote control introduction



Power button

SPEAKER OUT and PRE OUT

Previous EQ

Mute/Unmute

Previous track

Previous working mode

FID
HiFi Music Player

Notes: Please use 2 triple-A batteries for the remote control.

- Turn off/wake up screen
- SPEAKER OFF only
- PRE OUT only
- Volume+
- Next EQ
- Volume-
- Play/Pause
- Next track
- Next working mode

Notes and Precautions

- Do not replace with a battery pack of the wrong model.
- Please use the DC power adapter included in the accessories. Do not use any other power source. Please make sure the adapter's output voltage is DC 48V.
- Please adjust the volume to a suitable level before listening.
- Please do not place the device in circumstances of:
 • Please do not repair or disassemble the device on your own.

List of items included (please check if the following items are included in the package)

- AIR AMP
- AC power cable
- Infra-red remote control
- Quick Start Guide

To Learn More

- For related video instructions of the AIR AMP and FAIRAMP, please visit the QR code below.
- To learn more about the product, please visit our website.

Due to continuous improvement, every specification is subject to change without further notice.

WEEE Directive & Product Disposal

 At the end of its serviceable life, this product should be handed over to the applicable collection point or to the supplier for disposal.

Streaming Amplifier

to avoid the risk of fire or explosion.

necessary to power the AMP. If using other power supplies, please

listening so as to protect your hearing.

excessive high/low temperatures (above 45°C or below 0°C).

your own and please keep it away from water.

(wiring items are included)

- 48V power adapter
- Warranty card

Q (Frequently Asked Questions),

Website: www.flio.com

and design is subject to change at

English

Hereby, Guangzhou FLIO Electronics Technology Co., Ltd. declares that this device is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at: www.flio.com/doc

Function	Frequency	Maximum output power
Bluetooth	2402-2480MHz	4dBm
	2412-2474MHz	16dBm
WiFi	5150-5320MHz	12dBm
	5500-5620MHz	13dBm

This radio frequency data, the following restrictions on putting into service or of requirements for authorization of use apply in BE, BG, CZ, DK, DE, EE, EL, ES, FR, HR, IT, CY, LV, LT, LU, HU, MT, NL, AT, PL, PT, RO, SI, SK, FI, SE, UK, IS, LI, NO, CH, TR: S150-5350 MHz band is restricted to intended operations only.

FCC NOTICE:

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 or more 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 than that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

Any changes or modifications not expressly approved by the party responsible for compliance could render the user's authority to operate the equipment.

