

*Frontier*

*Output Inc.*

# User Guide (English)

## *Introduction*

Thank you for choosing the Output Frontier amplified studio monitors. The Frontier design provides accurate, high-resolution playback that is free of audible distortion and coloration. This allows you to hear everything that is in your source recordings so that you can create the best mix.

Even if you are experienced with recording and mixing, please take a moment to read through this guide. It will give you valuable information about how to set up your monitors and will help you get the most out of your new purchase.

## *Box Contents*

Frontier Studio Monitors (2)

IEC Power Cables (2)

Acoustic Pad (2)

User Guide (1)

Safety and Warranty Card (1)

## *Support*

For complete system requirements, compatibility information, and product registration, visit the Output website: [www.output.com](http://www.output.com).

## *Features*

Frontier monitors feature balanced combo connectors for XLR and TRS plugs, as well as unbalanced RCA type analog inputs. Connect the outputs of your audio interface, monitoring controller, mixer, or other line level devices to these inputs.

**Tip:** Use the XLR or TRS connectors whenever possible instead of the RCA connectors.

## *Rear Panel*

1. **Combo Input:** This jack accepts XLR inputs and TRS inputs with either balanced or unbalanced wiring.
2. **Volume Control:** Use the volume control to set the output from the Frontier pair to proper levels as required.
3. **Power Switch:** This switch turns the monitors on and off.
4. **Power Receptacle:** Accepts a detachable 3 conductor IEC power cord in order to power the monitor.
5. **Fuse Holder:** Holds the external main fuse

## Installation

For optimal performance of the Frontier, please read the following thoroughly and carefully prior to installation.

## Precautions

- Handling: Please do not touch the speaker cone.
- Connections: We recommend that you use high quality balanced or unbalanced cables for input connections. Also, ALWAYS turn off the power of the Frontier and turn the volume down to a minimum before making the necessary connections.

**Note:** When using an unbalanced cable there is a greater chance of experiencing noise issues. If you are using an unbalanced cable and you are experiencing noise issues, try connecting a balanced TRS cable or XLR cable.

## Setup

The configuration and placement of your Frontier monitors on speaker stands or your desktop workstation may affect the performance of the speakers. Use the following tips to achieve the best performance.

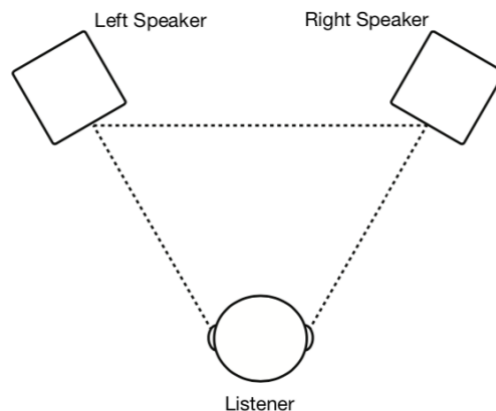
## Connecting to Preamp or Computer Outputs

Before connecting, make sure the output device's power has been turned off. Plug the connection cable to the corresponding output connectors.

## Speaker Placement

The placement of your speakers has a huge impact on how well they will perform in your studio. Although nearfield studio monitors are designed to be more forgiving when it comes to placement, you should do your best to make sure they form an equilateral triangle relative to your head. In other words, make sure that each speaker is equally distant from both your head as well as the other speaker. Once each speaker has been placed, rotate the speakers slightly so that the drivers are pointing toward the listener.

Take a look at the diagram below. Notice that the distance from the listener's head to each speaker is the same as the distance between the left and right speakers. Also note that the speakers are turned slightly so that the drivers are facing the listener. This is an ideal setup but if it is not practical (or possible) to do this, try to match this setup as closely as possible.



## *Speaker Height*

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The ideal height for Frontier is so that the speaker is parallel to the ground and that the midpoint of the woofer and tweeter is at ear-height.

# 用户指南

## 介绍

感谢您选择 Output Frontier 放大演播室监听器。Frontier 设计可提供准确，高分辨率的播放，而不会出现听觉失真和着色。这样您就可以听到源录音中的所有内容，从而可以创建最佳混音

即使您有录制和混音的经验，请花一点时间准备一下本指南。它会为您提供有关如何设置显示器的宝贵信息，并帮助您最大程度地利用新购买的产品。

## 包装箱内容

包装箱内容

边疆工作室监听器 (2)

IEC 电源线 (2)

隔音垫 (2)

用户指南 (1)

安全保修卡 (1)

## 支持

有关完整的系统要求，兼容性信息和产品注册，请访问输出网站：[www.output.com](http://www.output.com)。

## 特征

Frontier 监视器具有用于 XLR 和 TRS 插头的平衡式组合连接器，以及非平衡的 RCA 型模拟输入。将音频接口，监控控制器，混音器或其他线路电平设备的输出连接到这些输入。提示：尽可能使用 XLR 或 TRS 连接器代替 RCA 连接器。

## 后面板

1.组合输入：此插孔接受平衡或不平衡接线的 XLR 输入和 TRS 输入。 2.音量控制：根据需要使用音量控制将“边疆”对的输出设置为适当的电平。 3.电源开关：此开关用于打开和关闭显示器。 4.电源插座：接受可拆卸的 3 芯 IEC 电源线，以便为显示器供电。 5.保险丝座：固定外部主保险丝

## 安装

为了使 Frontier 达到最佳性能，请在安装前仔细阅读以下内容。

## 预防措施

- 处理：请勿触摸扬声器锥。
- 连接：我们建议您使用高质量的平衡或非平衡电缆进行输入连接。同样，在进行必要的连接之前，请务必先关闭 Frontier 的电源并将音量调至最小。

注意：使用不平衡电缆时，出现噪声问题的可能性更大。如果您使用的电缆不平衡且遇到噪音问题，请尝试连接平衡的 TRS 电缆或 XLR 电缆。

## 建立

Frontier 显示器在扬声器支架或台式工作站上的配置和放置可能会影响扬声器的性能。使用以下技巧可获得最佳性能。

## 演讲者安置

扬声器的位置对他们在工作室中的表现有很大的影响。尽管近场演播室监听器在放置时设计得更加宽容，但您仍应尽力确保它们相对于头部形成等边三角形。换句话说，请确保每个扬声器的头部和另一个扬声器的距离相等。放置好每个扬声器后，请稍微旋转扬声器，以使驱动程序指向听众。看一下下面的图。请注意，从听者的头部到每个扬声器的距离与左右扬声器之间的距离相同。另请注意，将扬声器略微转动，使

驾驶员面对聆听者。这是一个理想的设置，但是如果不切实际（或不可能）执行此操作，请尝试使该设置尽可能匹配。

