

PIPEline™

Application Note

E-MU PIPEline – Affordable, Portable, High Quality Wireless Audio

Wireless technology is commonly used in many products such as remote controls, internet access, headphones, microphones and now with E-MU's PIPEline Wireless Transmitter/Receiver, this means you now have the capability for CD quality uncompressed two channel wireless audio as well.



What is the E-MU PIPEline?

The E-MU PIPEline wireless stereo audio transmitter/receiver system has been designed to free musicians and all audio users from their audio cables without sacrificing audio quality. Each

PIPEline unit can be configured as either a transmitter or a receiver. PIPEline's four-way flexi-jacks can be configured as analog inputs, analog outputs, S/PDIF inputs, or S/PDIF outputs, or a combo of analog and digital. Whatever you need!

Comparing the E-MU PIPEline to other wireless systems

There are many different wireless transmitter/receiver systems on the market. So what makes the E-MU PIPEline different? First and foremost is the PIPEline's superb digital audio quality. The E-MU PIPEline encodes at 16-bit linear, at a 48kHz sample rate which just sounds much better than other wireless audio systems that use band limiting companding techniques. No other portable wireless transmitter or receiver system on the market currently has digital I/O capability. Think about all the various problems that could be solved by having flexible and portable wireless audio capability.

What are some typical ways to use the E-MU PIPEline?

Educators or Product Demonstrators

The E-MU PIPEline's unique "Broadcast Mode" allows one transmitter to be picked up by any number of receivers, making it ideal for addressing a small audience or group of listeners in the same room.

Wireless Recording

The E-MU PIPEline can be used for more than just playing back audio, it can be used to record audio as well. Connect one PIPEline to an aux send or a mix bus from your mixer, and another PIPEline unit to your recording device or video camera aux input.

Wireless Audio Splitter

Using the unique Broadcast mode of the E-MU PIPEline, you can use it as a Wireless Audio Splitter. With one PIPEline configured for Broadcast Mode as the transmitter that is connected to an audio device output such as a mixer output, you can then use other PIPEline units configured as receivers to provide wireless audio to several different recording devices at the same time. Instant wireless audio splitter!

House of Worship

With one PIPEline in Broadcast mode used for the main Pulpit mic or connected to the PA system mixer, you can stream sermons or music to other parts of the building

School Plays or Community Theaters

One PIPEline in Broadcast mode and several others as receivers for stage hands to hear vital cues from the director.

Preview Stereo Mixes In The Car

If your car is within range of the PIPEline (up to 49-Feet), you no longer have to burn a CD just to listen to your latest mix on your car speakers. Connect one PIPEline to your studio PC, CD player or mixer and one PIPEline to your car stereo iPod/Aux input and then listen to your mix in your car in driveway

PA Systems/Live Sound

Connect an unused Aux send or a unused Buss send from your PA mixer to one PIPEline unit and another PIPEline unit to your stage for the floor monitors, side fills, FOH talkback up to 49-Feet.

Camping/Hotels

Use the Broadcast capability of the PIPEline with one connected to your CD/MP3 player for boom box and additional PIPEline units for each camper can listen to the same music source. The same PIPEline broadcast mode can be used in Hotel rooms that are close to one another within 49-Feet. Each room can listen to the show recorded earlier that night. Rock out while minimally disturbing your neighbors.

Home Stereo

Connect one PIPEline unit to your home stereo and another PIPEline unit to powered surround speakers or to an amp with speakers without needing to run or use long speaker wires.

With one PIPEline unit connected to your home stereo or cable box audio output, listen to your music while you do house chores or yard work or even in the bedroom to listen to TV with bothering your partner.

Desktop Computer or Laptop

With one PIPEline unit connected to your home stereo or desktop computer or laptop, stream audio or music through your home, studio or to another computer.

LONGboard/SHORTboard

Add an optional PIPEline unit to use along with the built in PIPEline of the new E-MU LONGboard or SHORTboard performance keyboards without needing long audio cables.



E-MU World Headquarters
E-MU Systems
1500 Green Hills Road
Scotts Valley, CA 95066
USA

www.emu.com