

FOCUSRITE PRO IN EDUCATION



Focusrite® PRO

Dante
SPOKEN HERE



WORLD LEADING AUDIO-OVER-IP SOLUTIONS POWERED BY DANTE

Focusrite's Audio-over-IP products are based on the industry standard Dante® network technology, and include our advanced industry leading conversion, thus making them the perfect choice to build your university, college, or school's audio infrastructure. Dante® is an uncompressed multi-channel digital audio networking technology with low latency and sample rates of up to 192kHz. Hundreds of audio channels can be distributed with proper synchronisation via one Ethernet cable to multiple locations across an audio network. Many options are available, including mic pres, AES3, MADI, analogue line, ADAT, Pro Tools | HD, PCIe and Thunderbolt audio interfaces. In addition, your existing equipment can be incorporated into the IP workflow, extending the return of your existing investment.

With Audio-over-IP being adopted into every facet of the professional audio industry, the next generation of audio engineers needs a solid grounding in modern networked audio.

“There was no other technology, no other way, that this size of a system could come together so easily and be easy to use, reliable, and sound completely transparent.”

Blair Liikala – Manager of Recording Services,
University of North Texas College of Music

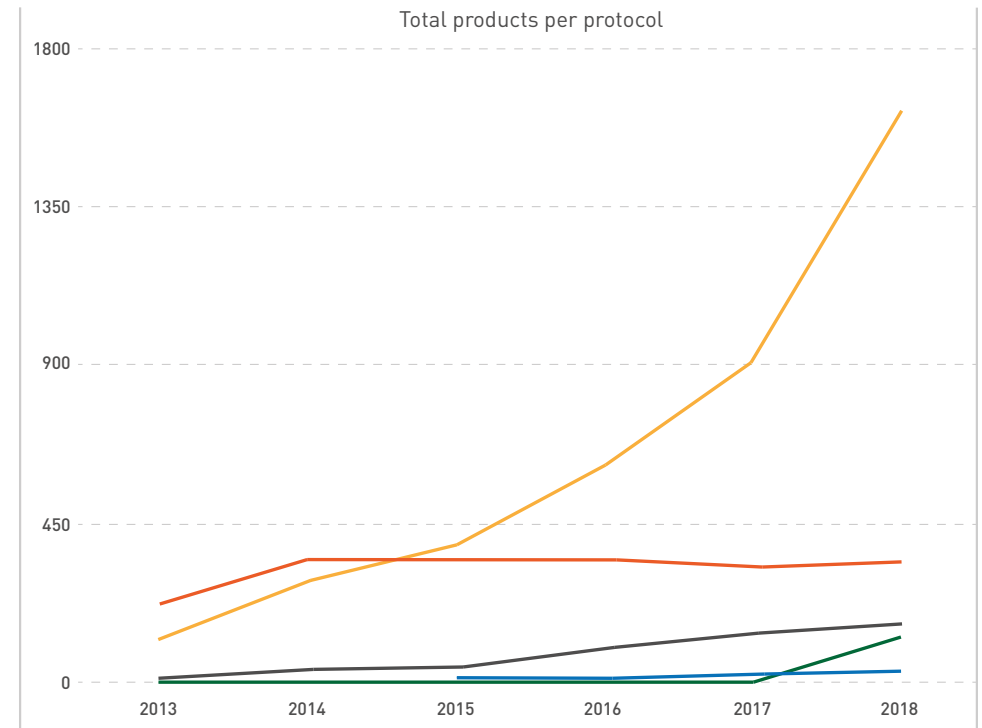
NETWORKED AUDIO IS HERE TO STAY

“The most important thing to understand about RedNet is the power of the Dante audio networking protocol, which in our opinion is superior to other ethernet based audio systems.”

Oskar Skaag - Arcada University
of Applied Sciences, Finland

“The number of networked audio products continues to grow with an increasing number of manufacturers joining the party. Dante continues to be the dominant force.”

RH Consulting



Graph courtesy of RH Consulting. Copyright © 2018 RH Consulting.
Part of the Avitas Global Group | Copper Leaf Media

<http://www.rhconsulting.eu/blog/files/NetworkedAudio.html>

AVB Certified —
CobraNet —
Ravenna —
Dante —
Others —



EXPAND AND CONNECT

Our RedNet and Red interfaces are part of an expandable system which grows as your facility grows, without walls or boundaries. Expand and connect classrooms, buildings and campuses using existing network infrastructure. Connectivity stimulates creativity and collaboration between Students and Departments.

- Connect Students to Students
- Connect Audio Studios to Performance Spaces
- Create new learning environments and experiences

“With large multi-level facilities and studios in different locations across campus, connectivity is key and RedNet and Dante deliver. Our RedNet systems work consistently day in, and day out delivering flawless audio with simple to use routing and endless expandability.”

Ron Romano - Technology Specialist,
Belmont University, Mike Curb College
of Entertainment & Music Business

CONNECT MULTIPLE DIGITAL AUDIO WORKSTATIONS

Have your students engaged in the learning experience. Each student can have their own computer with the Dante Virtual Soundcard software installed and connect to other students in class on the network while sharing a tracking or playback session.

Provide an easy solution for students to connect, collaborate, share and interact with other students, instructors and departments.

“Since all of our studios here in the Duderstadt Center have a Dante infrastructure, our students can collaborate and connect throughout the facility. Collaboration encourages creativity and fosters community, which leads to group learning. This is an invaluable teaching tool.”

Dave Greenspan – Managing Producer, Duderstadt Center, University of Michigan



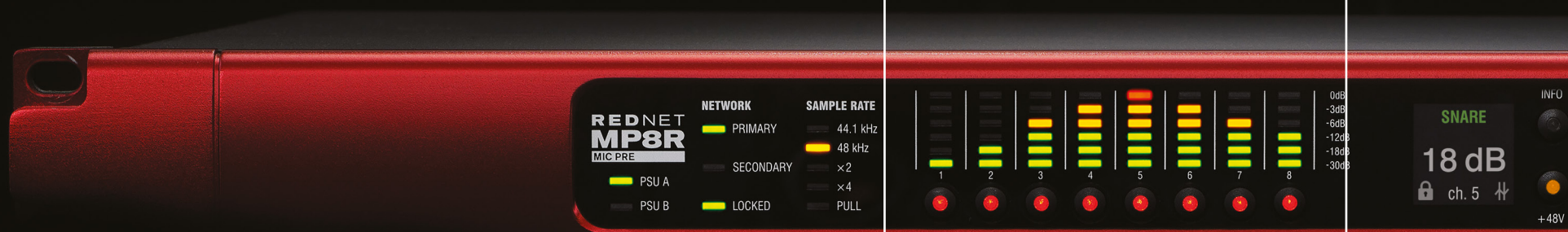
COMPATIBILITY

Focusrite Pro Interfaces are compatible with your existing audio systems

RedNet interfaces offer a variety of connectivity solutions to bridge your existing audio system to a Dante network. Pro Tools | HD™, MADI, AES3, analogue, remote mic pres, and options for redundant power supplies and network connections. Red interfaces offer an all-in-one audio solution including 32x32 of Dante I/O combined with Pro Tools | HD™ connectivity and the latest Thunderbolt interfacing technology. Many of our interfaces are also AES67 compliant, offering even greater interoperability with other AoIP protocols.

“You don’t want to rebuild your entire studio setup because you’ve switched to a networked audio solution. RedNet tied in seamlessly with our existing Pro Tools setups and can be easily expanded if needed.”

Jan Klomp – Technology Coordinator, SAE, Europe





TURN ANY ROOM INTO A RECORDING SPACE

If a room has a network connection, it can quickly become a recording space. Add a rack of RedNet gear, connect to the Dante network, and you have instant recording and playback capability, anywhere on campus. Impromptu jam sessions, classroom lectures and performance recitals can all be captured.

“The world is your oyster. We just plug it in anywhere, and it just works... Having this kit and being able to use it in different ways is really great for us.”

John Crossley – Popular Music Production, University of Derby, UK

NEVER LOSE THAT SPECIAL MOMENT

Use RedNet to set up a redundant recording system and ensure that there will be no issues recording that once-a-year live performance. Record to multiple systems simultaneously and create an effortless backup system. Don't miss that special moment.

“RedNet is not only excellent studio I/O, it's also enabled us to integrate teaching rooms, theatre production rooms, Mac labs and performance spaces into our roster of recording spaces with only the installation of a Cat 6 cable.”

Richard Liggins – Technical Manager, London College of Music,
University West London, UK





“The main focus here is to prepare our students for what the real world is going to be like, and the pro audio industry is transitioning to a fully networked workflow. RedNet gave us not only an incredibly efficient and effective networking solution for the entire new Film Production and Sound Technology Building, but it also provides the networked infrastructure for them to learn on what will ready them for the jobs they’ll find when they graduate. That’s why RedNet was really the only right choice to make.”

Joe McBride – Teaching Lab Supervisor in Valencia College’s Sound & Music Technology programme

PREPARE YOUR STUDENTS FOR THE REAL WORLD

Offering your students an education which includes an Audio-over-IP curriculum will prepare them for the future. Broadcast, Post Production, Live Sound and Studio Recording facilities have all moved to an AoIP infrastructure and often require new technical staff to be proficient in the latest AoIP protocols. Teaching the latest in AoIP technology will set your programme apart from the others. Now it’s more important than ever to get the next generation of audio engineers not just familiar with, but experts in Audio-over-IP.



RETURN ON INVESTMENT

With budgets always under scrutiny, and funding under ever-increasing pressure, it's become more important than ever to maximise return on investment. RedNet not only beats many alternative options on purchase cost alone, but also on total cost of ownership and return on investment. Using RedNet and Audio-over-IP in your infrastructure has many cost advantages. Lower cable, equipment and installation costs allow you to spend more money where it is needed. A RedNet system uses less space and requires a smaller footprint than traditional audio systems. System expansion is less expensive and effortless. RedNet is easy to use and configure, and less setup time means students spend more time in the studio learning. Focusrite Pro equipment is also extremely reliable and road-worthy which also equates to lower maintenance costs.

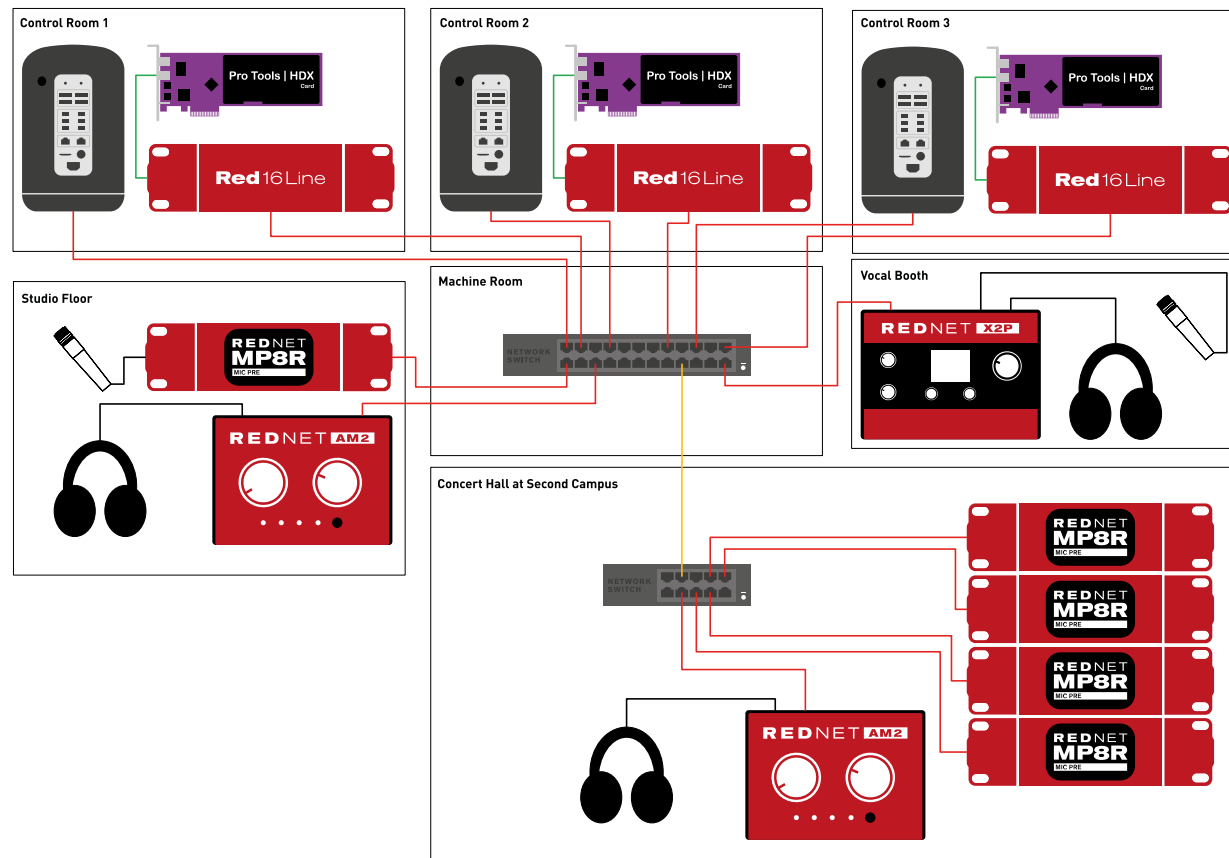
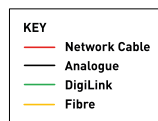
“In three years, there hasn't been a single problem with the RedNet network, and adding new units has been as easy as adding a new computer to a network.”

Blair Liikala – Manager of Recording Services,
University of North Texas College of Music

EXAMPLE SYSTEM DIAGRAM

Red & RedNet Installation

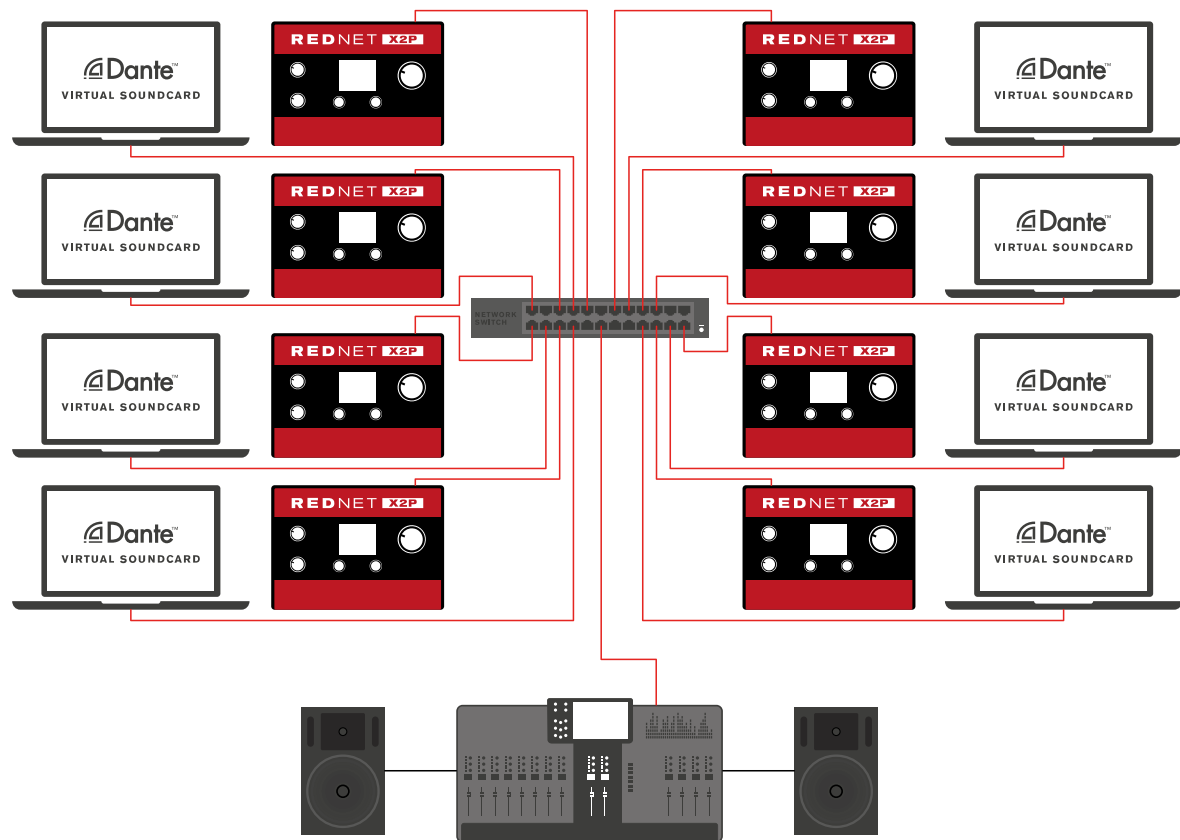
This diagram shows the implementation of a Red and RedNet system which can simultaneously distribute and record audio across two campuses. Red and RedNet interfaces can be utilised in multiple recording rooms, studios, vocal booths and concert halls. For example a live performance in the Concert Hall located on a second campus can be captured in any of the spaces on the main campus, or indeed to the Pro Tools | HDX rigs of all control rooms simultaneously.



EXAMPLE SYSTEM DIAGRAM

Connecting Multiple DAWs

In this diagram each student has a laptop with Dante Virtual Soundcard installed and a compact RedNet X2P, 2x2 Dante interface, connected to the network. This allows the Instructor to share recording and playback tracks with each individual student or with the entire class. In addition, students can collaborate with each other separately.



ARRANGE A CONSULTATION

If you would like more information regarding how your facilities may benefit from Focusrite Pro audio solutions, or to request a demonstration, please contact us at: <https://pro.focusrite.com/contact-form>

FREE LIFETIME SUPPORT

Focusrite Pro offers free lifetime support for all of its products.

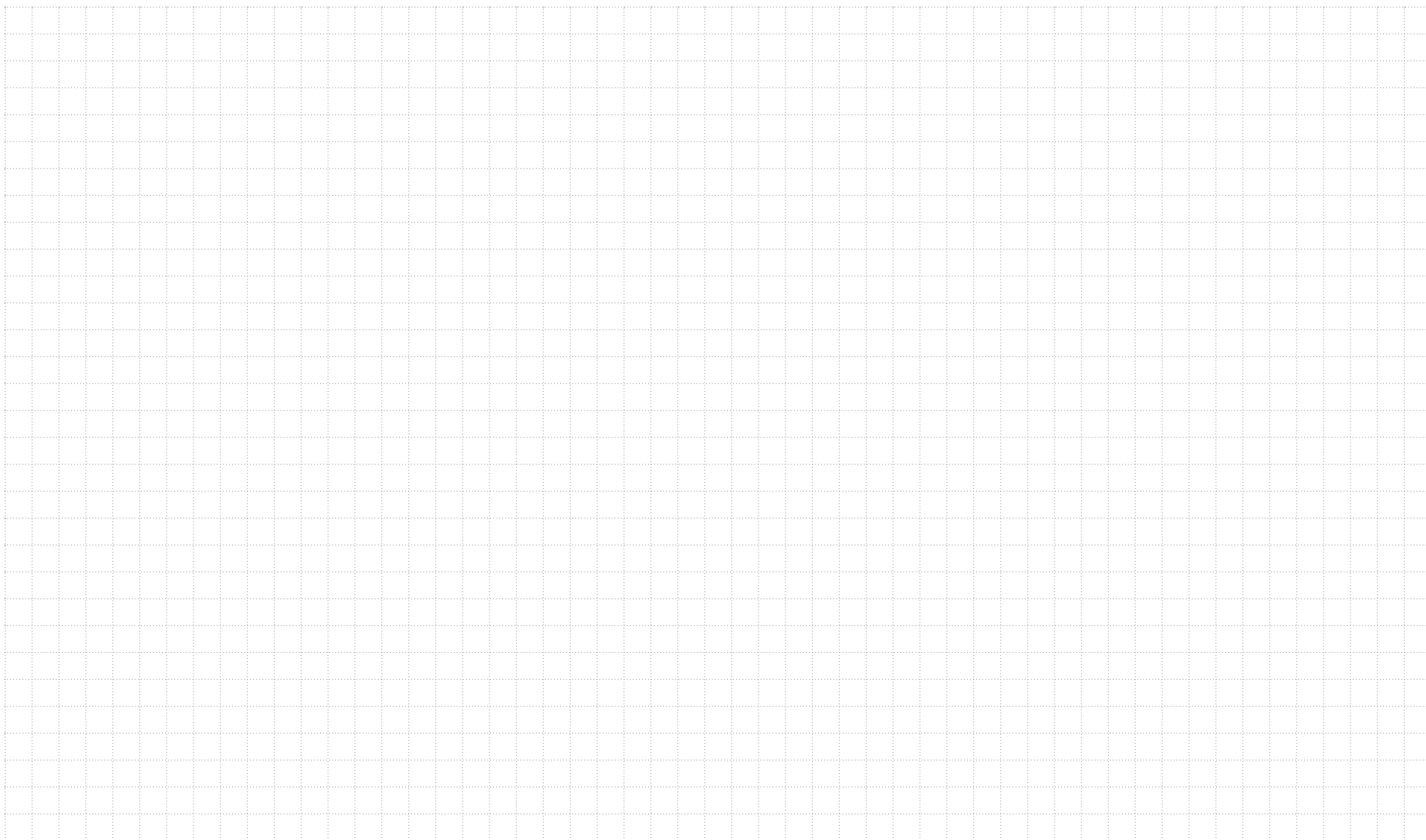
We understand the important investment you've made in Focusrite Pro and we are here to help.

Our experienced technical support staff can help you whenever the need arises. Phone, Email, Chat – our support is generally available Monday-Friday, 24/7.



NOTES

SYSTEM SETUP





For more information visit [**pro.focusrite.com**](https://pro.focusrite.com)

Pro Tools | HD, is a trademark or registered trademark of Avid Technology, Inc. or its subsidiaries in the United States and/or other countries.