

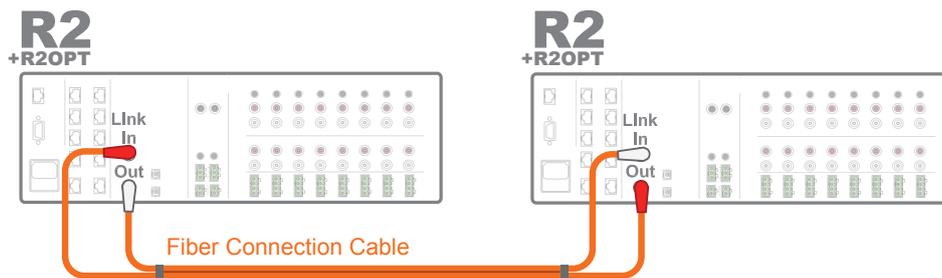
R2 Cascading

Link Multiple AUDAC R2 Units using FBS fiber cable

For specific applications it may be desirable to enhance the capacities of the R2 amplifier. For certain applications it may be desirable to expand the number of zones, and for other applications it may be desirable to cover large distances, such as between different factory halls.

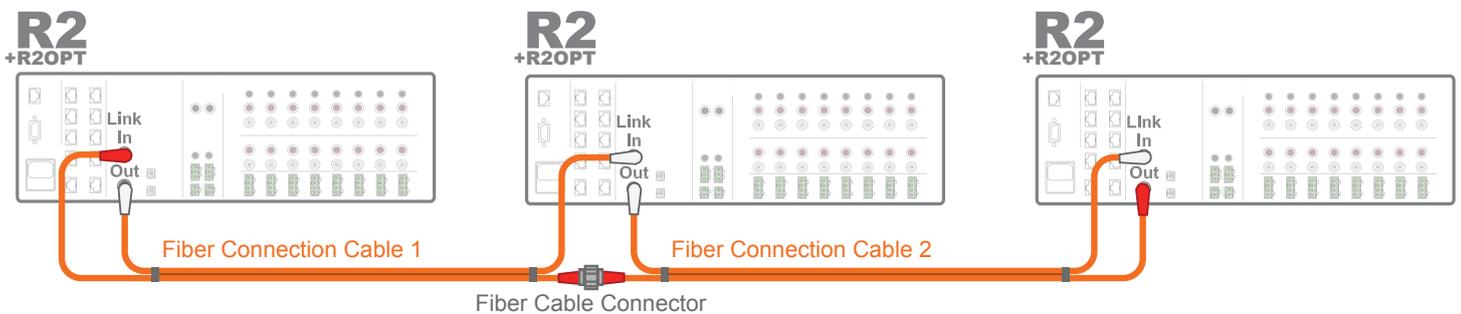
For these purposes, optional fiber interconnection modules, R2OPT, are available that can be installed internally in the R2 amplifier. They are capable of carrying 8 stereo channels over one single fiber line. The maximum distance that can be covered is 1000m.

Two R2 Units



Each R2 has a fiber **input** and a fiber **output**, the connection is always done in a ring, **linking the first device's optical link output with the second device's optical link input** and vice versa. The maximum distance that can be covered is 1000m. Repeaters can be used if longer distances need to be covered.

Multiple R2 Units



Multiple R2 units follow the same principle as with two R2 units. Each R2 has a fiber **input** and a fiber **output**. **the first device's link output is connected to the second device's link input**. Then the second's output to the third's input etc. **The final fiber out is then connected to the very first device's optical link input**, using the second available fiber cable in the dual fiber connection cable. Multiple cables need to be connected using fiber cable couplers.



Using quality cabling is crucial in maintaining optimal fiber connections. that's why **AUDAC recommends using PROCAB FBS cables and couplers** to achieve the best possible connection between your cascaded R2 units.

Please visit www.procab.be for more information on PROCAB products.

For more information in setting up your cascaded R2 Units, download the R2 manual on our website:

www.audac.eu/R2

