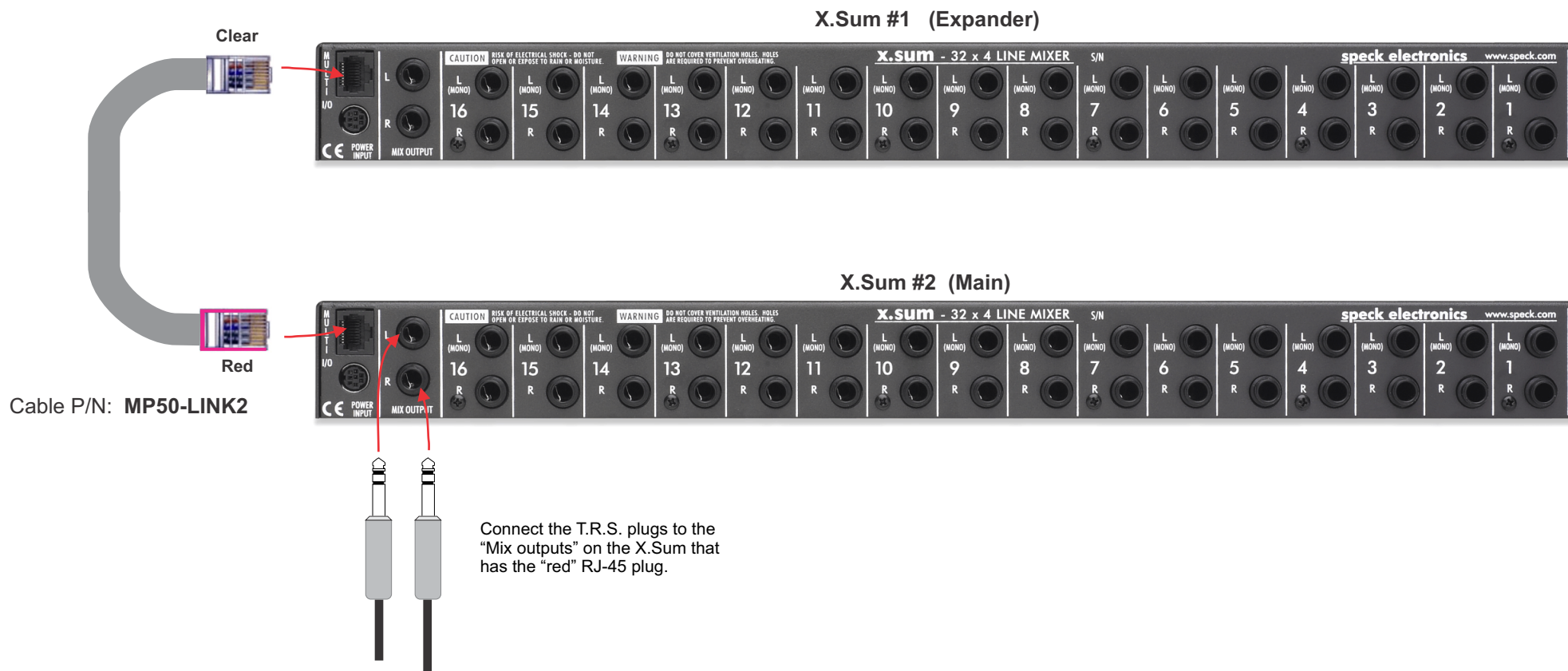


With only a simple connection, two X.Sum's can be linked together to expand the number of input channels.

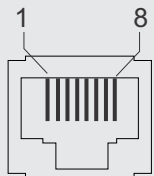
To link two X.Sum's, an optional MP50-LINK2 mix link cable is required. This link cable has RJ-45 modular plugs on both ends and connects to the "Multi I/O" jack on each X.Sum. One end of the MP50-LINK2 cable has a "Clear" colored plug and the other end has a "Red" plug. The X.sum that receives the "Clear" plug is the unit that will become the expander and the X.Sum that receives the "Red" plug will become the master mixer.

In the illustration shown below X.Sum #1 is the expander and X.Sum #2 is the master mixer. This configuration has a total of 64 inputs (32 stereo). Connect the T.R.S. 1/4" plugs to the left and right "Mix outputs" on the X.Sum that has the "Red" RJ-45 plug.

Note: This custom configuration will only link the Mix A outputs. Does not link Mix-B outputs.



MP50-LINK2 (Shown)

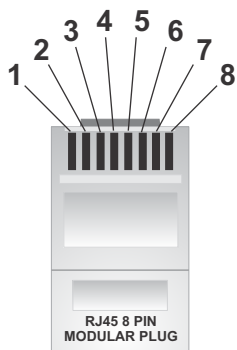


PIN 1	LINK OUT - LEFT
PIN 2	LINK OUT - RIGHT
PIN 3	COMMON
PIN 4	MIX-B OUT - LEFT
PIN 5	MIX-B OUT - RIGHT
PIN 6	COMMON
PIN 7	LINK IN - RIGHT
PIN 8	LINK IN - LEFT

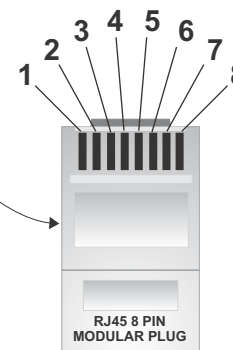
Pin-outs for rear panel Multi-purpose I/O connector

Note: This custom configuration will only link the Mix A outputs. Does not link Mix-B outputs.

Connect this plug to X.Sum (Expander)



Connect this plug to X.Sum (Main)



Identify this plug with "Red" mark.

1 2 3
BLUE
ORANGE
BLACK

CUT ALL OTHER WIRES
DO NOT USE

CUT ALL OTHER WIRES
DO NOT USE

6 7 8
BLACK
ORANGE
BLUE

8 CONDUCTOR FLAT
MODULAR CABLE

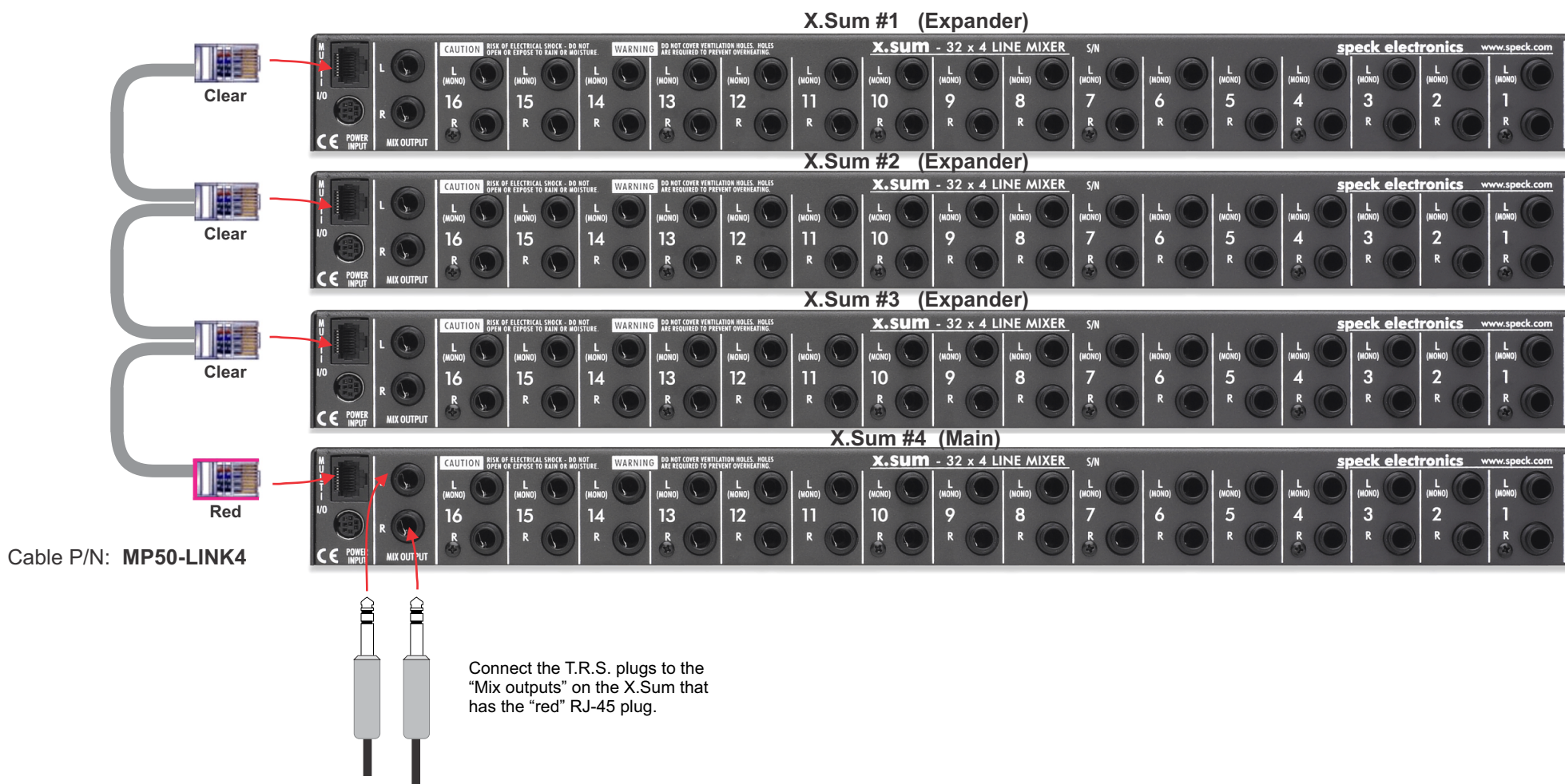
12" LENGTH RECOMMENDED

With only a simple connection, multiple X.Sum's can be linked together to expand the number of input channels.

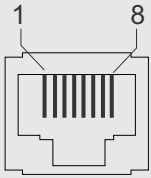
To link multiple X.Sum's, an optional MP50-LINK4 mix link cable is required. This link cable has RJ-45 modular plugs on all ends and connects to the "Multi I/O" jack on each X.Sum. The MP50-LINK4 cable has three "Clear" colored plugs and a "Red" plug. The X.sum's that receive the "Clear" plugs are the units that will become the expanders and the X.Sum that receives the "Red" plug will become the master mixer.

In the illustration shown below X.Sum #1, #2 and #3 are the expanders and X.Sum #4 is the master mixer. This configuration has a total of 128 inputs (64 stereo). Connect the T.R.S. 1/4" plugs to the left and right "Mix outputs" on the X.Sum that has the "Red" RJ-45 plug.

Note: This custom configuration will only link the Mix A outputs. Does not link Mix-B outputs.



MP50-LINK4 (Shown)

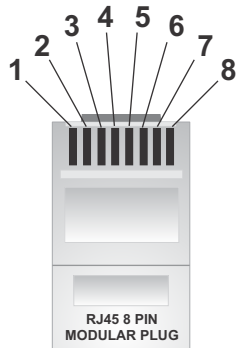


PIN 1	LINK OUT - LEFT
PIN 2	LINK OUT - RIGHT
PIN 3	COMMON
PIN 4	MIX-B OUT - LEFT
PIN 5	MIX-B OUT - RIGHT
PIN 6	COMMON
PIN 7	LINK IN - RIGHT
PIN 8	LINK IN - LEFT

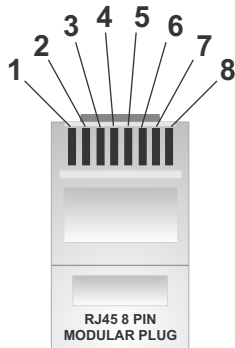
Note: This custom configuration will only link the Mix A outputs. Does not link Mix-B outputs.

Pin-outs for rear panel Multi-purpose I/O connector

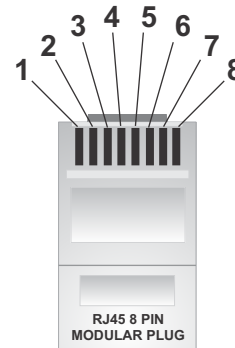
Connect this plug to X.Sum (Expander #1)



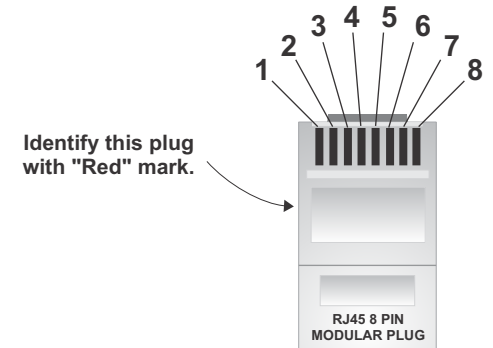
Connect this plug to X.Sum (Expander #2)



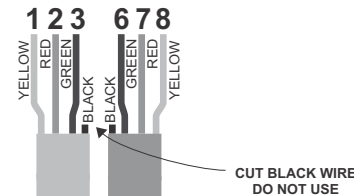
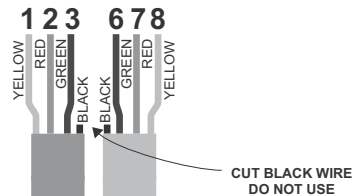
Connect this plug to X.Sum (Expander #3)



Connect this plug to X.Sum (Main)

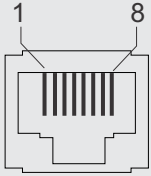


Identify this plug with "Red" mark.



4 CONDUCTOR FLAT MODULAR CABLE

12" length recommended for each segment



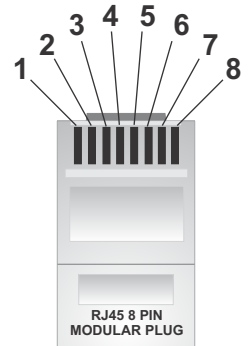
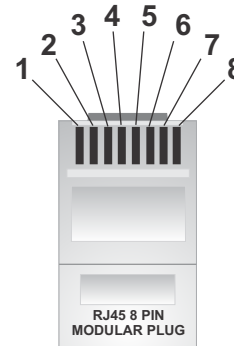
PIN 1	LINK OUT - LEFT
PIN 2	LINK OUT - RIGHT
PIN 3	COMMON
PIN 4	MIX-B OUT - LEFT
PIN 5	MIX-B OUT - RIGHT
PIN 6	COMMON
PIN 7	LINK IN - RIGHT
PIN 8	LINK IN - LEFT

Pin-outs for rear panel Multi-purpose I/O connector

Note: This custom configuration will only link the Mix A outputs. Does not link Mix-B outputs.

Connect this plug to X.Sum (Main)

Connect this plug to X.Sum (Expander)



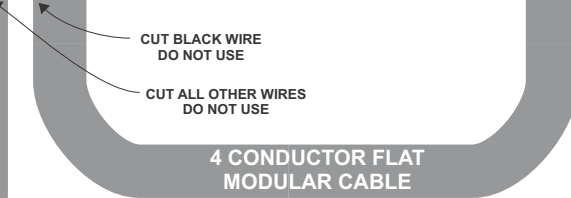
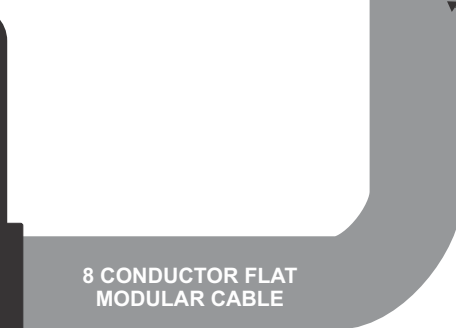
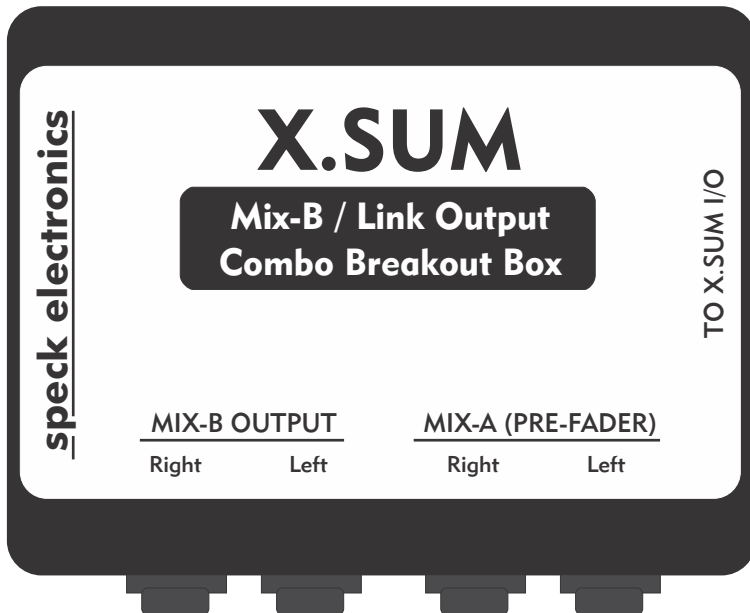
CUT BLACK WIRE DO NOT USE
CUT ALL OTHER WIRES DO NOT USE

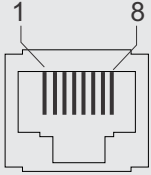
CUT BLACK WIRE DO NOT USE

4 CONDUCTOR FLAT MODULAR CABLE

12" LENGTH RECOMMENDED

CUSTOM BB-03-LINK2





PIN 1	LINK OUT - LEFT
PIN 2	LINK OUT - RIGHT
PIN 3	COMMON
PIN 4	MIX-B OUT - LEFT
PIN 5	MIX-B OUT - RIGHT
PIN 6	COMMON
PIN 7	LINK IN - RIGHT
PIN 8	LINK IN - LEFT

Pin-outs for rear panel Multi-purpose I/O connector

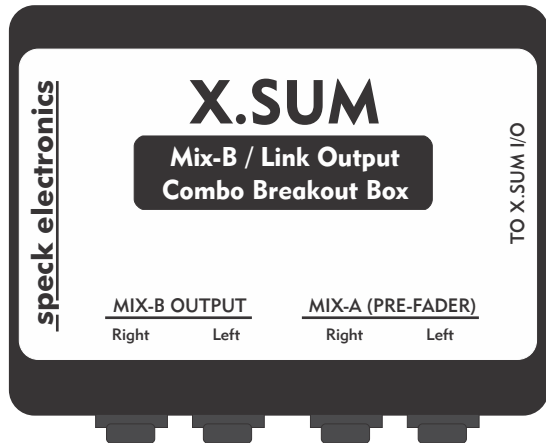
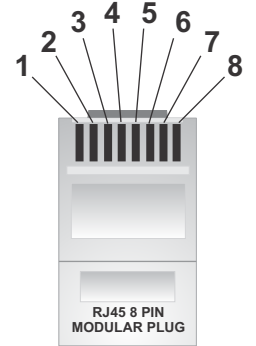
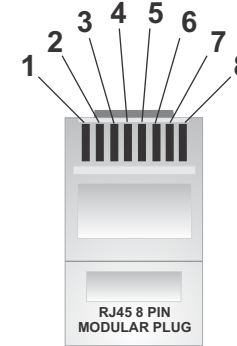
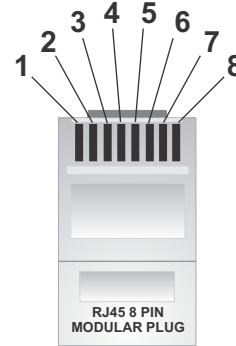
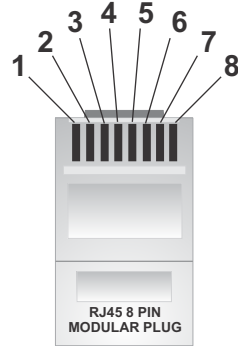
Note: This custom configuration will only link the Mix A outputs. Does not link Mix-B outputs.

Connect this plug to X.Sum (Main)

Connect this plug to X.Sum (Expander)

Connect this plug to X.Sum (Expander)

Connect this plug to X.Sum (Expander)



8 CONDUCTOR FLAT MODULAR CABLE

4 CONDUCTOR FLAT MODULAR CABLE

4 CONDUCTOR FLAT MODULAR CABLE

4 CONDUCTOR FLAT MODULAR CABLE

12" LENGTH RECOMMENDED

CUSTOM BB-03-LINK4

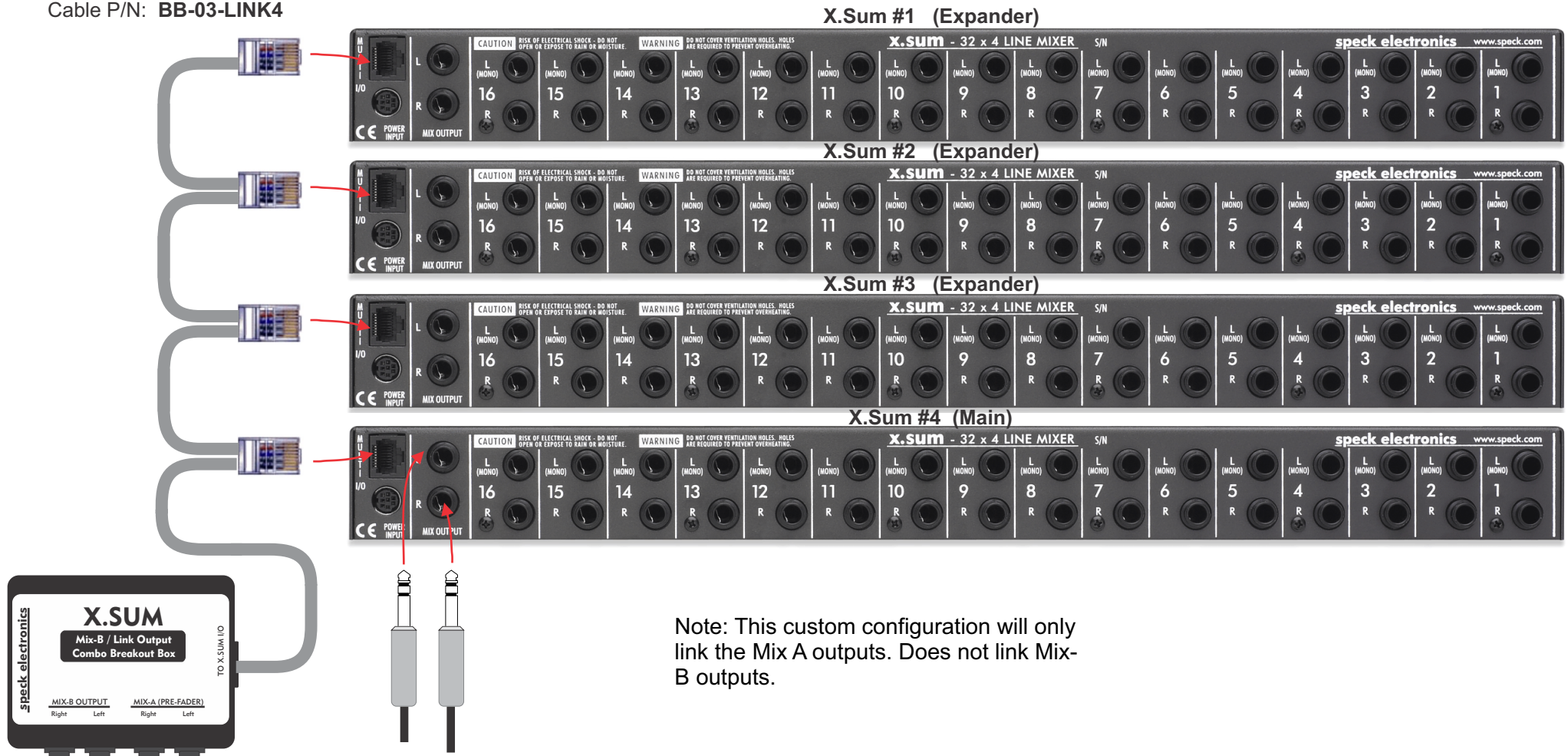
With only a simple connection, multiple X.Sum's can be linked together to expand the number of input channels.

To link multiple X.Sum's, a custom BB-03-LINK4 mix link/breakout box is required. This link cable has RJ-45 modular plugs on all ends and connects to the "Multi I/O" jack on each X.Sum.

In the illustration shown below X.Sum #1, #2 and #3 are the expanders and X.Sum #4 is the master mixer. This configuration has a total of 128 inputs (64 stereo). Connect the T.R.S. 1/4" plugs to the left and right "Mix outputs" on the X.Sum as shown in the illustration.

Note: This custom configuration will only link the Mix A outputs. Does not link Mix-B outputs.

Cable P/N: **BB-03-LINK4**



Note: This custom configuration will only link the Mix A outputs. Does not link Mix-B outputs.