

# Catdusa

## RJ45 Breakout Box

The Whirlwind Catdusa provides a convenient way to use Cat5 or Cat6 Ethernet cable for transmitting analog audio, AES/EBU digital audio or DMX lighting control. Plug a Catdusa box onto each end of a cable terminated with RJ45 connectors and use XLR audio wires to connect to equipment.



# whirlwind

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There are four circuits on the Catdusa box, using the four twisted pairs of the Cat cable. Each circuit has male and female XLR connectors allowing for easy bidirectional signal configurations. Two RJ45 jacks wired in parallel are provided for daisy-chaining applications.

The internal wiring of the Catdusa follows the T568 standard:

RJ45 PIN#	XLR PIN#
1	CH 1-PIN 2
2	CH 1-PIN 3
3	CH 2-PIN 2
6	CH 2-PIN 3
4	CH 3-PIN 2
5	CH 3-PIN 3
7	CH 4-PIN 2
8	CH 4-PIN 3

PIN 1 from all eight XLR connectors are tied together and terminate at the shield connection of the RJ45 jacks. Shielded Cat5 or Cat6 must be used for connection of PIN 1 from box to box and to pass phantom power to condenser microphones.

### **Warranty**

This product is guaranteed for 3 years from the date of purchase against manufacturing defects. For warranty service, return the unit, along with the original sales receipt, to: whirlwind, 99 Ling Road, Rochester, NY 14612, postage prepaid. We will repair or replace the unit at our option and pay the return postage.