



LTM-PC User Manual

PHATCAT™

CAT5 BROADCASTING



LTM-PC

Media Over CAT5 (MOC-5) Transmission System



LTM-PC User Manual

DESCRIPTION

The Laird **LTM-PC** uses the latest in Media over Cat5 (MOC5) technology to accomplish the interconnect of standard color video production camera systems using Cat5 cables. The system allows the use of multi-core control cables and their CCU units to provide the same features over Cat5 for the long haul requirement.

GETTING STARTED

Warranty Information

Laird warrants your product to be free from malfunctions and defects in both materials and workmanship for one year from the date of purchase. Please see the enclosed warranty card for full details or your local dealer or Distributor for questions concerning the warranty.

Technical Support

Laird maintains a free user support web site to help with all of your technical support needs. Visit: <http://laird-support.com/>

Unpacking the LTM-PC

We recommend that you:

- Unpack the equipment carefully and save the original box and packaging materials for possible future shipments.
- Review the contents of this instruction manual.

Your package should contain:

- Transmitter Unit (CCU Unit)
- Receiver Unit (Camera Unit)
- 12V DC Power Supply

SPECIFICATIONS

Specifications:

Each **LTM-PC** system is custom configured for the variety of camera and CCUs available. The specs below cover the basic system performance parameters.

Connectors:	CCU Unit: 26-Pin Male; RJ45 (x2) Camera Unit: 26-Pin Female; RJ45 (x2)
Power:	12Volts DC @ 500mA via 4-Pin XLR male
Dimensions:	2.75" H x 6.0" W x 6.5" D, ABS Plastic
Weight:	2.5lbs. (Less Shpg. Carton)



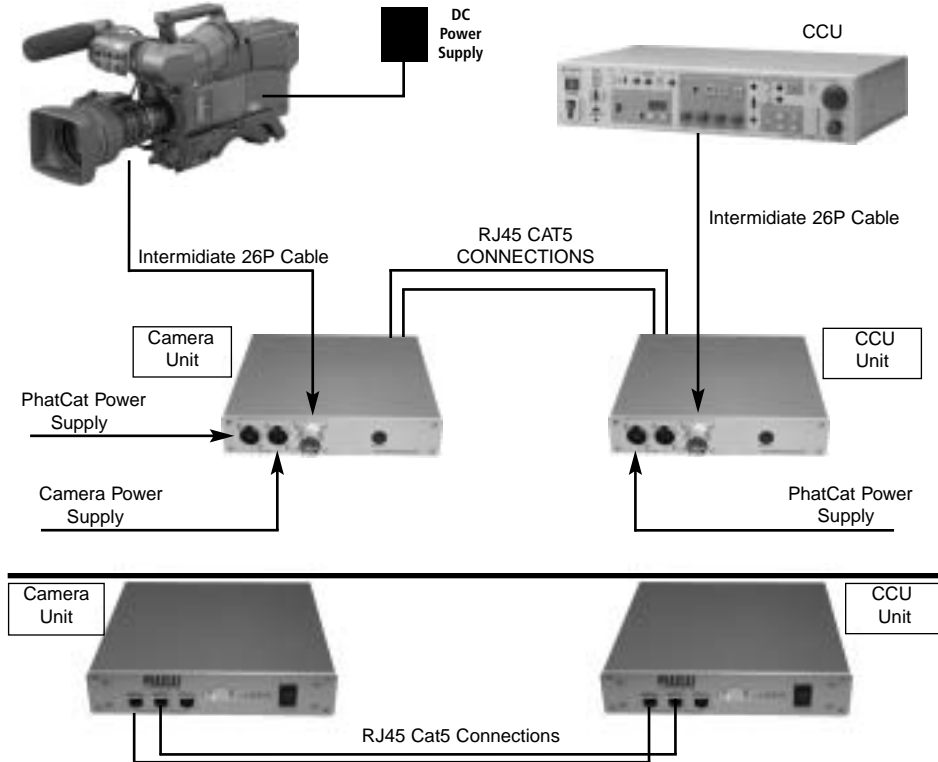
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SET UP

The system is divided into two sections:

CAMERA: This unit plugs into the camera multi-pin port via a short 26pin multi-core cable. The provided 12 Volt Dc power supply provides power for the signal drive circuitry only. Power for the camera must be provided separately. Two Cat5 RJ45 connectors are provided at the rear of the box for long haul cable interface.

CCU: This unit plugs into the CCU unit via a short 26pin multi-core cable. It is powered by the provided 12 Volt DC power adaptor. The long haul Cat5 cables from the CAMERA unit connects to corresponding RJ45 connectors on the rear of the unit. That is all that is required.



Note: The Laird LTM-PC is factory calibrated for up to 1000 feet of standard Cat5 UTP cable. It will work as well with any shorter distance down to 300 feet(100M). Any distance below 300 feet may require a slight recalibration of the system. It is advised that you contact the LAIRD customer service department for instructions. Recalibration must be performed by a trained qualified video technician.



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NOTES



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