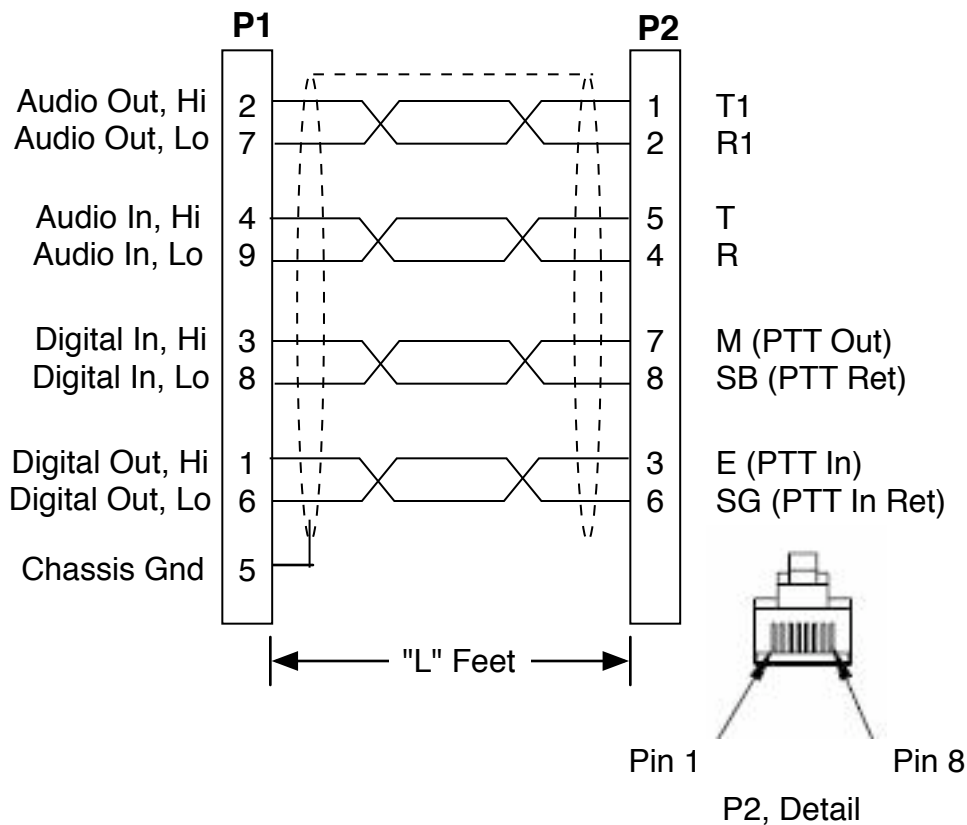


## Cable Layout:



CA-D9M-RJ45M-L-A\_02

## Wiring Information:




### Assembly Notes

- (1) P1: Male, metal, DB-9 connector. Includes metal chrome backshell, strain relief & male screwlock assembly.
- (2) P2: Whirlwind, RJ-45 Plug
- (3) Cable: Whirlwind Cat5, shielded twisted pair, Part #: W-EBCAT5

### Application Notes

- (1) This diagram shows a cable designed for balanced audio and discrete control interconnection between an ASTi RIU and an AccessNet MAC RJ-45 interface.
- (2) Recommended RIU Audio input gains: 0 dB.
- (3) RIU electrical characteristics and installation details are available in the RIU Technical Guide.
- (4) RIU Digital Input: senses passive contact closure from AccessNet M lead.
- (5) RIU Digital Output: provides software controlled contact closure through an opto-isolated relay for AccessNet E lead. Each DO circuit has a continuous current rating of 120 mA maximum, and a maximum power dissipation rating of 180 mW. While providing 10 mA of load current the device's on-state resistance is typically 21  $\Omega$ .
- (6) Maximum recommended length is 15 feet.

Rev	Date	Originator	Description
A	08-04-06	CEM	Original
02	04/03/39	CJA	Added Information Table

		<b>ADVANCED SIMULATION TECHNOLOGY inc.</b> 500A Huntmar Dr Herndon, VA 20170 <a href="http://www.asti-usa.com">www.asti-usa.com</a>
Cage Code	OVFW3	
Title	RIU - AccessNet Cable	
Dwg #	CA-D9M-RJ45M-L-A_02	
Sheet	1 of 1	

Industry connector Sub Group	ASTi Part Number Sub Group	Source Device	ASTi Part Number	Current Revision Number	Description & Case Use	Special Notes
DB9	D9*	RIU, ACE-RIU	CA-D9M-Rj45M-L-A	02		