DIGITUS®

Cat5 RS232 EXTENDER

Remote
DC-52101

Local
DC-52101

USER MANUAL

Rev. 1-0

Package Contents-

- DC-52101 Extender Local Unit
- DC-52101 Extender Remote Unit
- 1 user manual
- 2 power adapter DC 9V/300mA
- 1 20cm Null Modem cable (DB-9 Male to Male)
  Any thing missed, please contact with your vendor.

Features

- Compatible with all RS-232 protocols.
- Full-duplex data communication.
- Sends RS-232 data at 230 kbps up to 1000M / 3300 ft.
- Pure hardware solution - real time data transfer, no software conflicts.
- No external power required.
- Transfer data or files between PCs, equipments.
- One CAT-5 cable extension.

Specifications

Function	DC-52101-L	DC-52101-R
DC-52101 Connector	DB-9 Female x1	
RJ-45 Connector	1	
Cable Distance (Max.)	1000M / 3300ft (UTP)	
Communication mode	Full-duplex data	
Power Supply	DC9V/300mA (Min.) spare	
Housing	Metal	
Weight	65 g	
Dimensions (LxWxH) mm	92x34x22	

FRONT VIEW

1. DC-52101 (DB-9 Female Connector)
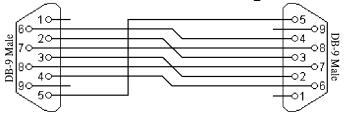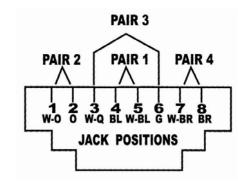
REAR VIEW

1. Power jack
2. CAT.5 (RJ-45 Connector)

Technical Specifications

Supported DC-52101 DCE Signals:

PIN1	N/A
PIN2	Transmit Data
PIN3	Received Data
PIN4	N/A
PIN5	Signal Ground
PIN6	N/A
PIN7	Clear To Send
PIN8	Request To Send
PIN9	N/A

Null modem with full handshaking:

Wiring Information & Coding:

Conductor Identification	RJ45 Pin Assignment	Color Code for Conductor
Pair 1	5	White-Blue
	4	Blue
Pair 2	1	White-Orange
	2	Orange
Pair 3	3	White-Green
	6	Green
Pair 4	7	White-Brown
	8	Brown

PAIR 3

PAIR 2   PAIR 1   PAIR 4

1   2   3   4   5   6   7   8
W-O O W-Q BL W-BL G W-BR BR

JACK POSITIONS

Trouble shooting

Q: When DC-52101 does not work smoothly.

A1: Use power adapter of DC9V 300mA.

A2: Check the two Baud Rate setting of two ends, they
    have to accord.

A3: Refer above sheet and check if it connect RJ45 pair
    are correct.

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