Manufacturing

ADAPTIVE MICRO SYSTEMS

Cabling specifications
Daylight / AlphaRhéa
Traffic Signs

TABLE OF CONTENTS

REVISION HISTORY

Date	Rev #	Author(s)	Description
12/12/2006	1.0	A.C	Document creation

1- COMMUNICATION CONNEXION

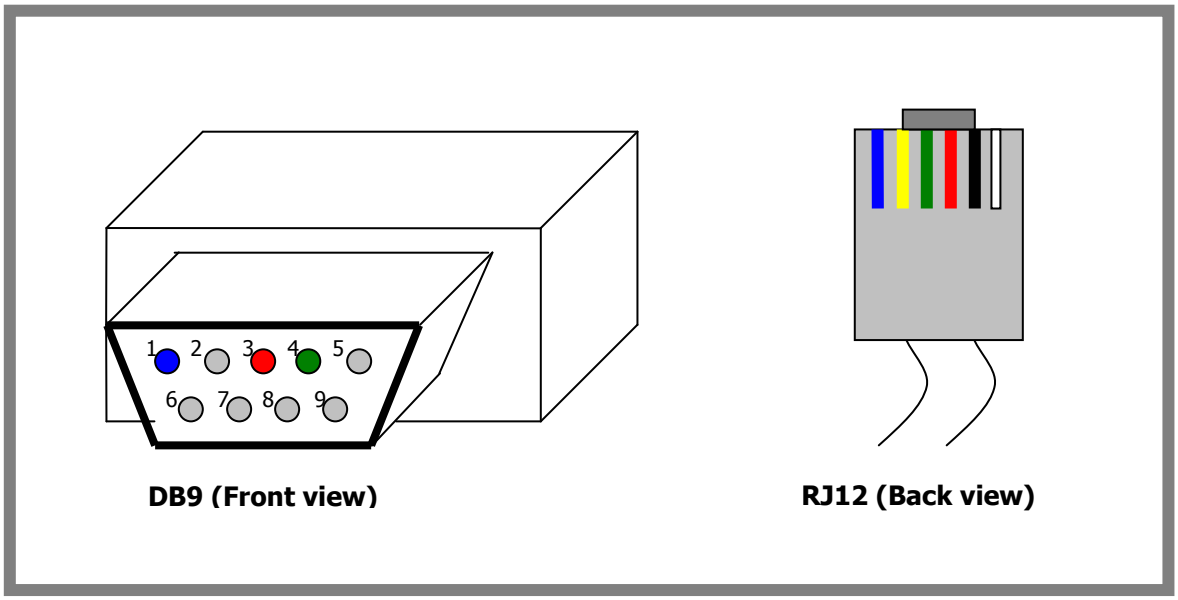
1.1- Pc to AlphaRhéa

1.1.1- Description

The AlphaRhéa interface is configured by computer through a RS232 connection. This connection is achieved thanks to a 2 meters longer **crossover cable**, which has a male RJ12 jack on one side and a female DB9 connector on the other side.

1.1.2- Schematic

The cabling has to be achieved as it is described:



1 : GND
3 : RS232 RX
4 : RS232 TX
N : Not connected

1.1.3- Photo

Add photo

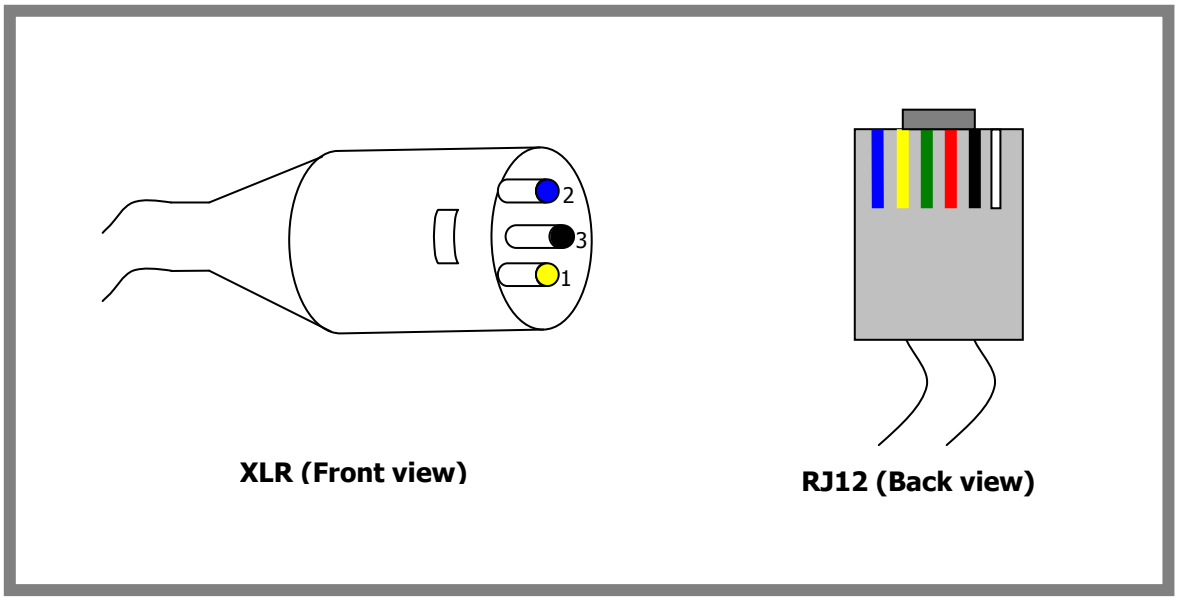
1.2- AlphaRhéa to Sign

1.2.1- Description

The connection between AlphaRhéa and Adaptive's signs is achieved through a RS485 network. This connection is achieved thanks a short cable (20 cm), which has a male RJ12 jack on one side and a male XLR connector on the other side.
Two XLR connectors (one male and one female) are supply with the application in order to allows customer to make his own extended cable.

1.2.2- Schematic

The cabling has to be achieved as it is described on the following schematic:



1 ◯ : RS485 +
2 ◯ : GND
3 ● : RS485 -

1.2.3- Photo