

ABI-EV1001S00

Coax Broadband Distribution Amplifier

Quick Start Guide

1 Package Contents

- DIN-rail mountable Broadband Amplifier module
- Quick Start Guide
- 3 x ABI-AX1003S00 Terminators

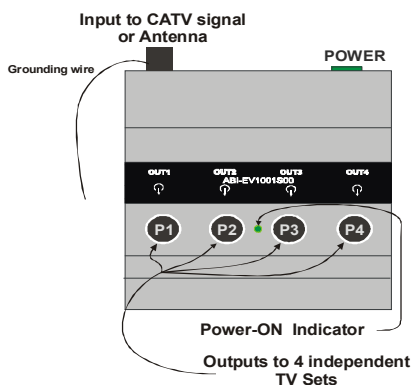
2 Introduction

The ABI-EV1001S00 is a Broadband Amplifier with one coaxial input for CATV signal or antenna.

The unit has 4 independent F-Connector (Coaxial) outputs on the front.

Depending on the input source (CATV or Antenna) it is also possible to connect Radio receivers.

3 Connectors



4 Power

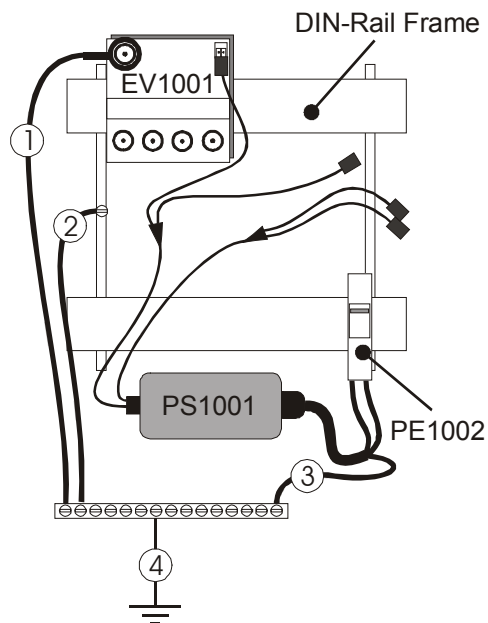
Load ratio for this module = 0,2.

Maximum allowed load ratio (sum of the load ratios for all modules) for power supply ABI-PS1001S00 = 4.

5 Installation

Power Off the central **ABI-PS1001S00** Power Supply by means of the Circuit Breaker installed in the **'Comm Center Cabinet'**, or by removing the mains power cord from the Power Supply.

1. Make sure the shielding of the Network Interface Unit (NIU) or CATV transition point is properly connected to the protective ground.
2. Open the 'Comm Center Cabinet'
3. Click the ABI-EV1001S00 unit on the metal DIN-rail.
4. The ABI-EV1001S00 is supplied with a grounding wire, connected to the input F-connector.
This wire (1) must be connected to the protective ground of the installation.
The following system devices also need to be connected to the protective ground: The DIN-Rail frame (2) and the Power supply (3)



5. Connect one of the unused POWER connectors of the ABI-PS1001S00 Quadruple Power Supply (5VDC - 4A).
6. Connect a coax cable from the CATV connection point (NIU) or the CATV transition point to the coax connector on the top of the unit.

Failing to follow the instructions (1) to (6) in the specified order may lead to permanent damage of the ABI-EV1001 amplifier

When it is impossible to connect the DIN-rails ,frame ,NIU or transition point to ground, make sure they are at least at the same electrical level (connected to each other).

Please also note our recommendation regarding overvoltage at the end of this manual

7. Turn on the power and check if the Power indicator is ON.
8. Close the 'Comm Center Cabinet'.

IMPORTANT REMARK:
Insert a Termination Plug (ABI-AX1003S00) in every unused port of the amplifier.

Additional, and more detailed information concerning this product can be found on the website: www.abitana.com.

Use the following table to write down information about the amplifier and the connections.

Amplifier Serial #	_____
Connection to	
Coax	Antenna .. Cable TV ..
P1	[_____]
P2	[_____]
P3	[_____]
P4	[_____]