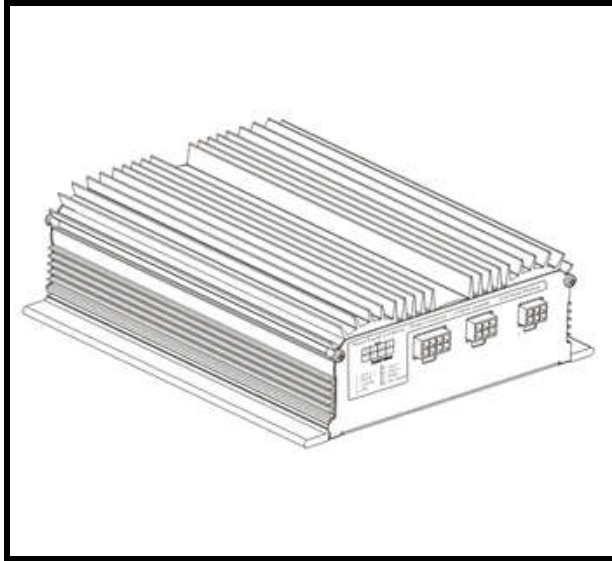


## PRD02877 AUDIO SELECTOR AMPLIFIED - CSAII DATASHEET



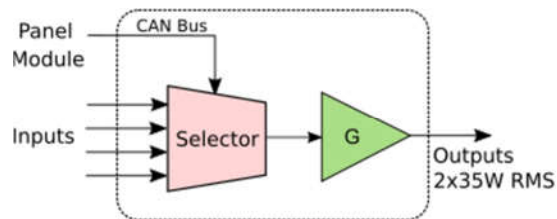
### DESCRIPTION




The Audio Selector amplified - CSAII has advanced technology when it comes to audio. It was specifically designed and qualified to automotive applications as control and selection of microphone, CD/Aux and Radio. It has a power module (Amplifier) to connect the sources and up to two panel modules. These panel modules can control the volume and selection of each source by the driver or attendant.

### FEATURES

- Microphone input;
- CD/Auxiliary input;
- Radio input;
- Two inputs for panel module;
- 2x35Watts RMS outputs (10% THD);
- Frequency response: 20Hz to 15kHz (-3dB).

### BLOCK DIAGRAM



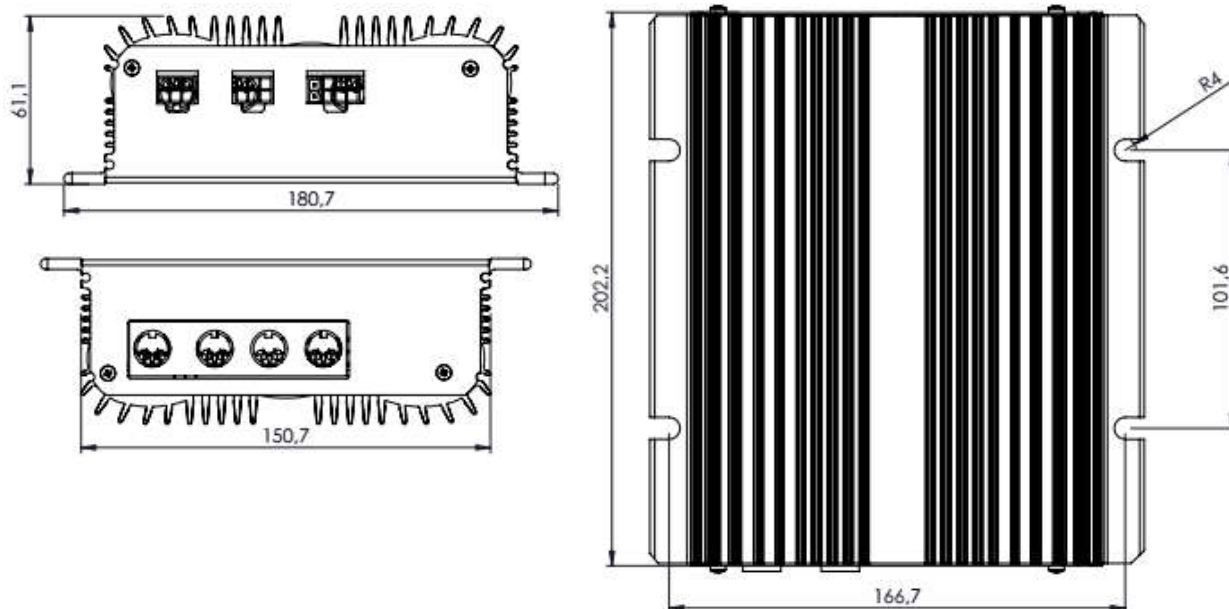
	By	Date	Sign	AUDIO SELECTOR AMPLIFIED - CSAII	Ref. ACTIA	Index
Draw	E. Viana	12/14/2017			PRD02877	Rev01
Verif.	E. Freitas	12/14/2017				
Appr.	C.Dambroz	12/14/2017				Page 1/4

**TECHNICAL DATA**

PARAMETER	MIN	TYP	MAX	UNIT
Supply voltage range	10	24	32	Vdc
Current Consumption (standby)	-	20	-	mA
Current Consumption (operation)	-	-	6	A
Operating temperature range	0	-	70	°C
Storage temperature range	-40	-	85	°C
Current of external relay (open collector)	200			mA
Amplifier Power (max.)	2 x 35W RMS/4Ω @THD=10%			-
Frequency response	0.020 to 15			kHz
Audio inputs				
Radio	300mV to 1000mV (Zin=27kΩ)			-
Auxiliary	300mV to 1000mV (Zin=27kΩ)			-
Video	300mV to 1000mV (Zin=27kΩ)			-
Microphone	2.5mV (Zin=27kΩ)			-
Weight	1.8			Kg

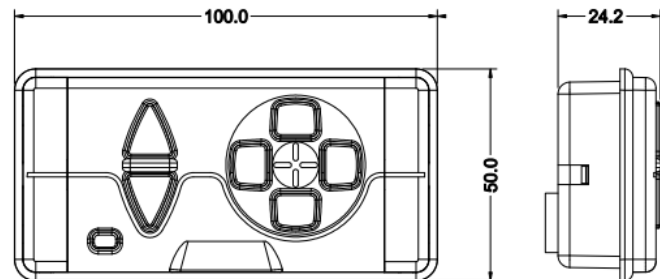
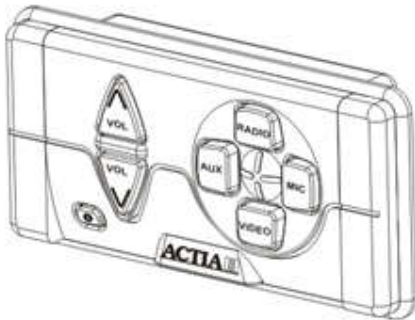
**DIMENSIONS**

(Millimeters)

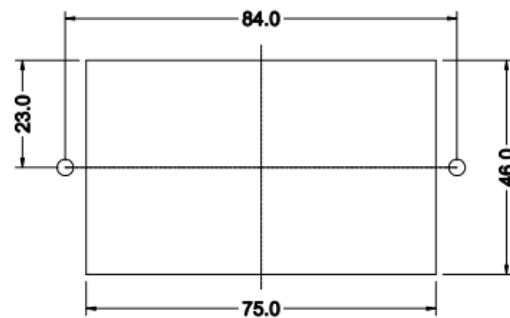


## PRD02866 - PANEL MODULE (Millimeters)

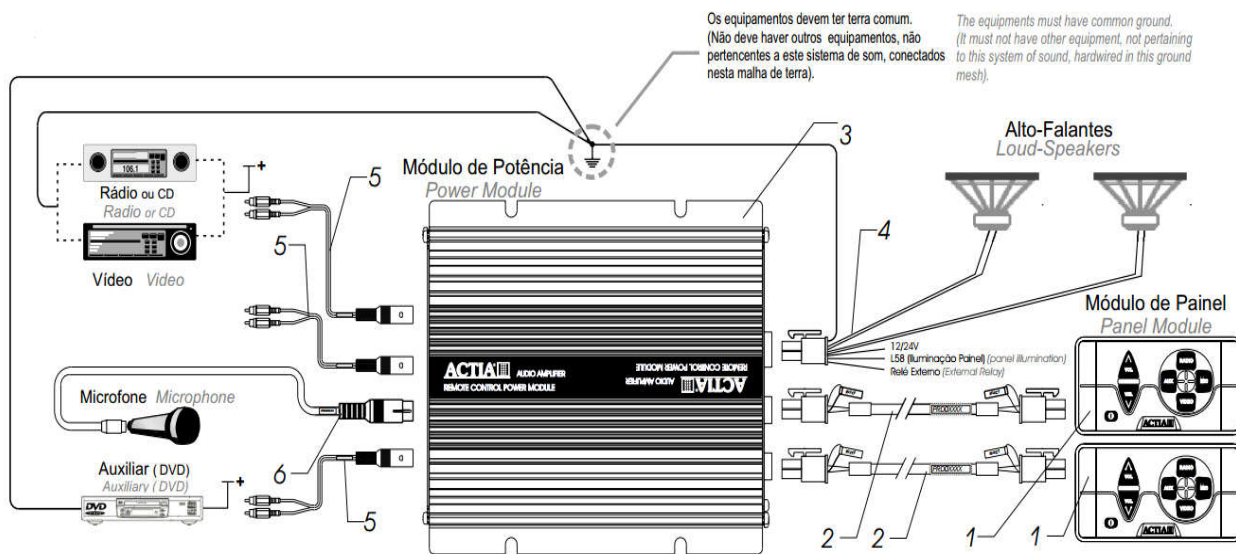
It is mandatory for operation of the CSAII (sold separately). It can be used only on driver or driver and attendant.



*Panel cut:*



## INSTALLATION



Todas as peças, cabos e acessórios identificados no diagrama de instalação são fornecidos pela ACTIA do Brasil.

The spares, cables and accessories identified in installation diagram are supply per Actia do Brasil.

- 1 - Módulo de Painel (Panel Module);
- 2 - Cabo de conexão painel/ potência (em diversos tamanhos) (Connection Cable Panel/Power (with various extensions));
- 3 - Módulo de Potência (Power Module);
- 4 - Cabo de Alimentação (Power Supply Module);
- 5 - Cabo de Áudio Transmissor estéreo (Transmitter Audio Cable Stereo);
- 6 - Microfone (Microphone);

Pode-se utilizar dois módulos de painel, motorista (painel do ônibus) e rodomoça (salão). Na instalação, definimos qual dos módulos será o do motorista e qual será o da rodomoça. Sendo que para isto basta cortar o fio "select" (ao lado da conexão do módulo de painel) no chicote de ligação entre os módulos de potência e painel.

Is possible use two panel modules, driver (bus/coach panel) and attendant / steward (passengers). During the installation must be define what module will be of the driver and what will be of the attendant / steward. To define, just cut the select wire in the adapter cable panel power.