

Reverse Alarm Controller

Part No. PCS-RAC

Keep The Neighbours Happy and Avoid Unnecessary Noise Pollution.

The *Reverse Alarm Controller* will mute the reverse alarm/buzzer if reverse gear is selected twice in quick succession.

It eliminates the need to fit complicated switches in the cab to activate or deactivate alarms/buzzers.

The RAC is idyllic for vehicles reversing in residential suburbs outside local council's standard working hours.

This compact, impenetrable and maintenance free device has the added benefit of being multi voltage (12-24VDC).

With hassle free installation the *Reverse Alarm Controller* is an excellent economical solution.



Paulger Control Systems

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Operation

When the Battery POWER and GROUND are connected, the unit is ready to operate. Each time the REVERSE_SWITCH Wire is switched OFF, the Operation will be RESET.

Normal Operation

When the REVERSE_SWITCH Wire is switched HIGH (ie Normal Reverse Operation) for greater than 2 Seconds, then the REVERSE_ALARM Wire is switched HIGH, until the REVERSE_SWITCH Wire is switched OFF.

Muted Operation

When the REVERSE_SWITCH Wire is switched HIGH, then OFF, then HIGH again, (ie ON-OFF-ON Sequence), in Less than 2 Seconds, then the REVERSE_ALARM Wire is NOT switched HIGH. (ie Remains switched OFF).

Wiring

H1	GROUND (Battery Negative)	Black
H2	POWER (Battery Positive)	Red
H3	REVERSE_SWITCH (Input)	Green
H4	REVERSE_ALARM (Output) +	Orange
H5	REVERSE_ALARM (Output) -	White

Definitions

HIGH	Is when the Battery Positive Voltage is Applied (ie +12V or +24V)
OFF	Is when there is No Voltage Applied. (ie 0V when the wire is OFF)
ACTIVE	Is when the REVERSE_ALARM_OUTPUT is switched HIGH. (ie ALARM is ON)
MUTED	Is when the REVERSE_ALARM_OUTPUT is switched OFF. (ie Alarm is OFF)