

Titanium Satellite

OHR Sensor Adapter for ASC1 DiSEqC 1.2 Positioner

- Optical
- Hall Effect
- Reed Isolation



The **OHR** adapter interfaces the ASC1 Satellite Positioner with pulse based position sensors and switches on dishes with linear actuators or positioning motors. The OHR adapter converts and reshapes the switch closures, providing precisely timed cycling ON/OFF pulses. The adapter minimizes switch bounce errors often produced by aging or dirty sensors and isolates the unwanted motor or terrestrial RF noise that may be carried on the distribution wiring connecting the sensor circuit to the satellite dish actuator motor.

Install OHR Isolation Adapter

1. Loosen ASC1 terminal strip screws S1/S2/GND/+5Vdc
2. Align and insert the 4 OHR connectors into the ASC1 terminal strip positions S1/S2/GND/+5Vdc
3. Tighten ASC1 terminal strip screws S1/S2/GND/+5Vdc

Connect Optical or Hall Effect Type Sensor

1. Connect sensor +5Vdc lead to OHR red terminal screw
2. Connect sensor Signal lead to OHR white terminal screw
3. Connect sensor Ground lead to OHR black terminal screw

Connect Reed Type Sensor

1. No connection to OHR red terminal screw
2. Connect sensor S1 or S2 lead to OHR white terminal screw
3. Connect sensor S1 or S2 lead to OHR black terminal screw

If the sensor wire bundle has a shield, connect only to the ASC1 GND terminal screw and leave the dish side of the wiring open (not connected to ground at the dish).

No additional configuration or set-up is necessary. Install and use the ASC1 using the normal procedure.

If connecting to a servo, connect the leads as usual to the +5Vdc/PULSE/GND terminals. If the servo wire bundle has a shield, connect only to the ASC1 GND terminal screw and leave the dish side of the wiring open (not connected to ground at the dish).

Email: support@titaniumsattelite.com
Call: 530-652-4405

Product produced by: *Magic Static* v20150723

Red . White . Black

