

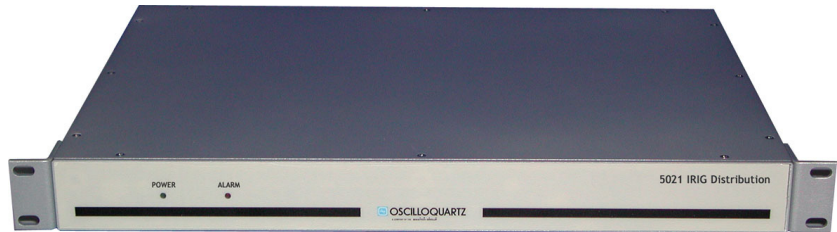
# OSA 5021 IRIG Distribution

## IRIG Distribution Solution for OEM and Integrators

POWER & UTILITIES

TIME & FREQUENCY

TIME DISTRIBUTION



### Highlights

- Reliable, low cost, compact
- Code format: IRIG A, B, D, E, G and H
- 12 outputs
- BNC connectors for all inputs and outputs
- AC power supply (100-240 Vac)
- OSA 5021s can be placed in cascade to extend total output capacity

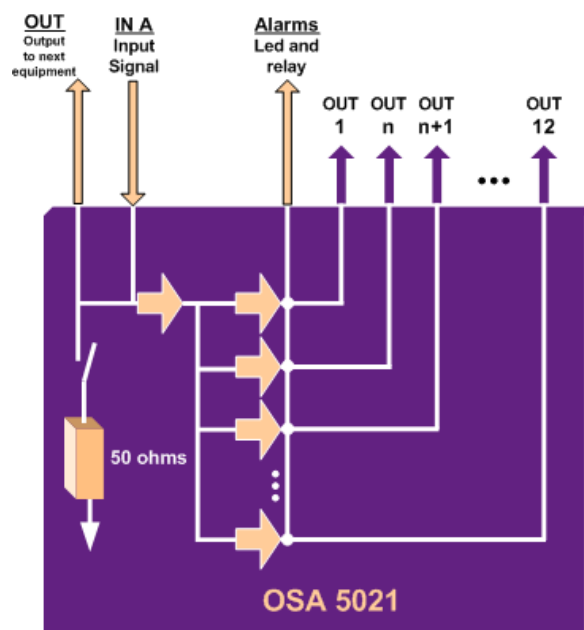
### Applications

- Time and frequency distribution unit
- Any system requiring IRIG distribution unit

A compact, cost efficient, high quality IRIG distribution solution for OEM and integrators.

The OSA 5021 IRIG is specifically designed for applications where the IRIG distribution is important.

The OSA 5021 IRIG Distribution unit is very easy to install. The unit does not require any type of configuration as the output signals are direct image of input signal. The rack-mount unit is easily installed and smoothly integrates with existing equipment.



# OSA 5021 IRIG Distribution

## IRIG Distribution Solution for OEM and Integrators

### Power supply:

- AC Power supply: 100 to 240 VAC (47 – 63 Hz)
- Consumption: 10 W

### Environmental characteristics:

- Operating temperature: 0 to 55°C
- Storage temperature: -10° to +60°C
- Humidity: 0 to 95% non condensing
- MTBF: >900'000 hours

### Configuration and monitoring:

- Configuration: None
- Monitoring: Alarm contact on Sub-D 9p connector (normally open or closed)

### EMC, ESD & SAFETY - CE Mark

- EMC, ESD: Certified to EN55022: 2005 and EN55024: 2005  
Susceptibility to IEC 801 parts 2, 3, 4, 5 and 6
- Safety: Conformance to EN60950: 2001

### Input specifications:

- Connector: BNC female
- Code format: IRIG A, B, D, E, G & H
- Impedance: 50 ohms or not loaded (Selection by switch)
- Nominal level: < 6Vpp into 50 ohms
- Input qualification: Loss of signal-Level detection

### Mechanical:

- Mounting: 19" rack mount
- Size: 43 x 484 x 310 mm (1U x 19" x 12")
- Weight: ~3kg (7 lbs) excluding packing
- Connector access: Rear

### Output specifications:

- Connector: BNC female
- Code format: IRIG A, B, D, E, G & H
- Gain: 1
- Nominal level: < 6Vpp into 50 ohms
- Impedance: 50 ohms

Subject to change without prior notice.