1 LASCELLS 1 YEAR




## 1. Lascells Digital Signal Generator

Key features:

- Ultra simplicity with only five controls
- Continuous frequency control from 0.1Hz to 100kHz. This means a full sweep through the audio band with no decade switch to contend with
- Precision waveforms, sine, square and triangle
- High power amplified output for speakers and transducers
- Precision frequency and amplitude display
- High resolution control with fast change selectors. Step resolution 0.1 to 1% of indicated frequency
- 4mm output connections

Specification:

- Input: 100–240V 50/60Hz mains plug-top adaptor providing 24V DC
- Frequency range: 0.1Hz to 100kHz continuous sweep
- Freq. control resolution: between 0.1 and 0.5% of the indicated value
- Output 1: 24V Pk to Pk into 600Ω for electronics
- Output 2: 10V Pk to Pk into 8Ω for transducers amplitude control resolution 0.1V
- Waveforms: sine, square and triangle

| Code | Pack | Price |
|---|---|---|
| **PY3088** | Each | **£314.25** |

2 IPC IRWIN




## 2. IPC Irwin Signal Generator

Sine and square wave generator. Frequency range 5Hz to 50kHz in four switched ranges plus a fine control. Accuracy typically ±10%. The output amplitude is continuously variable from zero to maximum 8V peak to peak with maximum output power 1W into 8Ω. The output is taken from two 4mm sockets mounted on the front panel. An illuminated on/off switch is mounted on the rear panel adjacent to a fused IEC mains inlet. Enclosed in a robust metal case with a durable powder coated finish.

| Code | Pack | Price |
|---|---|---|
| **EL10463** | Each | **£155.39** |

3 IPC IRWIN




## 3. IPC Irwin Signal Generator & Amplifier

Provides sine, square or triangular waveforms. Frequency selection is by a switched range and continuously variable fine adjustment control. The frequency is displayed on an LED display. All connections are via pairs of labelled 4mm sockets with one of each pair connected to earth. An illuminated on/off switch is mounted on the rear panel adjacent to a fused IEC mains inlet. Enclosed in a robust metal case with a durable powder coated finish.

- Accuracy: ±5% on all ranges
- Waveforms: sine, square or triangular. Square wave rise time 1µs approx. Sine wave distortion 1% on all ranges
- 600W output: maximum 10V peak to peak
- 4W output: power output of 4W available over the entire frequency range for all waveforms. Will drive loudspeakers or other low impedance devices of 4 to 15W
- Amplitude: continuously variable from zero to maximum output
- Attenuator: x 1, x 0.1, x 0.01, ±5% operating only on the 600W output
- Amplifier: voltage gain 100
- Input impedance: 1MW frequency response 1Hz to 100kHz, -3dB
- Output power: 4W into 4Ω load

| Code | Pack | Price |
|---|---|---|
| ★ **EL10466** | Each | **£319.30** |