

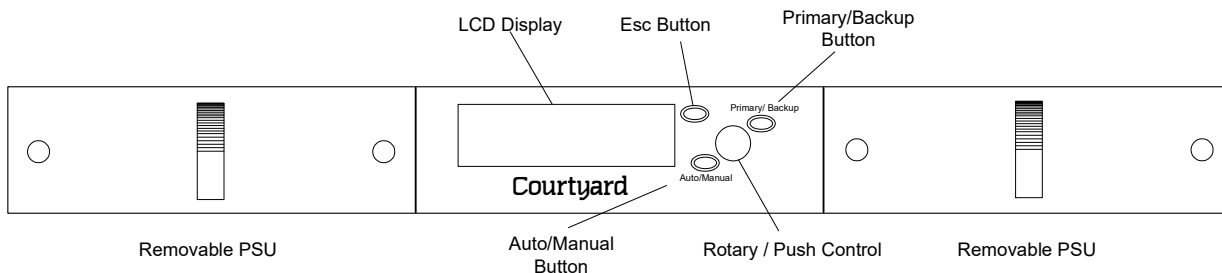
CY465B

Universal SPG Changeover

CY465B UNIVERSAL SPG CHANGEOVER

The CY465 is a universal automatic SPG changeover unit intended for use with the Courtyard range of SPG, Test Pattern & Time reference generators. It can be configured as 6 or 12 measured channels in a 1U rack. All channels measure both the “primary” and “backup” signals. The standard unit is supplied with two hot-swappable power supplies for maximum redundancy. The power supplies are directly accessible from the front panel.

To allow for mixed format requirements and offer maximum flexibility, each channel can be set to measure analogue colour black, standard definition SDI video, high definition SDI video, high definition 3G video or AES/E BU audio (75Ω). Each channel has a primary input, a backup input and a common output and a relay that switches one of the input channels to the common output.



FEATURES

- Up to 12 channels in 1U
- Front panel visual fault indication
- Auto/Manual override facility – Button
- Primary/Backup Select – Button
- All channels can measure analogue colour black, SD & HD SDI, 3G SDI, HD Tri-level sync, Timecode, & AES/EBU Audio
- Dual redundant Hot-Swap PSU's
- All channels user configurable
- Clear fault indication on front panel
- All channels can switch if one fails
- All channels can measure analogue
- SNMP compliant
- Choose either 6 or 12 channels in 1U

Courtyard Electronics Limited

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SPECIFICATION

Conforms to relevant EBU, CCIR or SMPTE specifications.

Input (per channel)

Primary (terminating BNC and Molex)
Backup (terminating BNC + Molex)

Output (per channel)

BNC (single and Molex)

Controls and Indicators

LCD Display, Rotary Knob & Switch,
Buttons for Auto/Manual, Primary/Backup
and Esc

Changeover threshold

Analogue colour black
On loss of signal

Serial Digital Video: On loss of signal

AEE/EBU audio: On loss of signal

HD Tri-level sync: On loss of signal

Timecode: On loss of signal

Return Loss

Better than 36dB @4.43 MHz

Isolation

Better than 60 dB, both directions on all
channels to 1.5 GHz

Mechanical

Height: 1 rack unit
Width: 19" rack mounting
Depth: 380mm (overall)
Weight: 6 Kg (unpacked)

Power

Depends on fitted options
40 Watts maximum

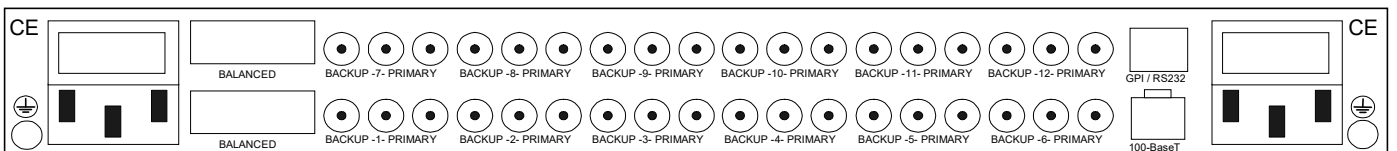
Ordering information

CY465B/1U6 6 channel SPG changeover
unit with redundant PSU

CY456B/1U 12 12 channel SPG
changeover with redundant PSU

CY465/06 Additional 6 channels –
Option for CY465B/1U6

Courtyard Electronics Limited reserves
the right to change the specification
without prior notice.



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