

world's smallest...



...composite switcher

A compact and powerful low cost 4-input analogue composite video switcher designed for fast reliable operation in the field

- Broadcast specification with true programme/preview bus switching
- Auto and manual dissolve and wipe with auto fade to black
- Four genlock outputs; auto-detect external reference input
- Field-interval switched auxiliary outputs for monitoring
- Full GPI with on-board tally driver module
- Input termination switches
- Battery or mains operation
- Dual format PAL/NTSC

The VTB-2A is the world's smallest portable 4-input field switcher currently in production, and it's equally at home on shoots and in satellite trucks. Operationally, this switcher is of the conventional programme/preview configuration, but has two additional switched auxiliary outputs, thus offering 4x4 routing facilities. The features include take (cross-cut), auto/manual mix and wipe and auto fade to black. The auto functions are variable in the range 0.5 - 4 seconds. All outputs are broadcast specification.

The VTB-2A runs from a nominal 12V d.c. (actual 10 - 18V) via a standard XLR connector, and its low current consumption makes it ideal for battery powering; typically a BP-90 will give in excess of 12 hours continuous use. All units are PAL/NTSC compatible, and the VTB-2A is shipped with a universal power supply (90-263V a.c.).



For stand-alone operation, input 1 is defined as the sync source. Other sources are genlocked via the black and burst outputs derived from input 1. There is also an external reference input, and the connection of a composite signal at this point will cause the VTB-2A to switch over automatically, allowing the user to lock the switcher to an external reference. Should the external reference fail for any reason, the switcher will revert to input 1 syncs without significant interruption to the programme output.

The GPI port offers open collector tally outputs, which will operate external devices such as tally lights to a limit of 60V at 500mA. Access to GPI inputs for the take and fade to black functions and bus selection are also available at this connector.

Inputs:

Analogue composite x 4 • Genlock composite

Outputs:

Programme composite • Preview composite • Auxiliary composite x 2 • Black & Burst x 4

Dimensions:

196mm (7.7") wide x 135mm (5.3") deep x 30mm (1.2") at front rising to 62mm (2.4") at rear

Power requirements:

10-18V @ 5W (universal power supply included)