

V1602 & V1605

1RU & 2RU Control Panels.



Although monitoring and control via a PC screen is now well accepted in broadcasting control rooms, there are still plenty of situations where real buttons and knobs are the only practical operator interface. To meet this demand, Pro-Bel have 2 control panels for the Vistek range, reckoned by many to be the best around.

The smaller unit is the 1RU sized V1605. This panel has been designed to give operators easy access to individual module control, with the most intuitive layout possible. Each panel can control up to 63 rack frames on a single CAN network, with each rack frame taking up to 14 modules. And since each panel can support up to 4 CAN networks, that's a possible 3,528 modules on one control panel.

The larger unit is the 2RU sized V1602. It offers exactly the same connectivity as the V1605, and although the layout of the panel is slightly different, the operation of each is essentially the same, allowing operators to switch between panel types with ease.

Each panel has 2 display windows. The left hand one is used to select the module to be controlled, while the right hand one is used to select the specific control required. The central button area can be used to preprogram selections, and in the case of the V1602, the button displays will reflect the function of each button. In addition, up to 3 levels of buttons are supported on the V1602, allowing a wide range of user function to be instantly accessed.

For those situations where multiple controls need to be simultaneously adjusted, there is an extension "dumb" panel available. This provides up to 8 rotary knobs, each of which can be assigned to a specific control adjustment. Note that this panel requires either a V1602 or V1605 panel to function.

While some operators will be happy to control individual physical modules, it's often a lot easier for operators to work with the controls that apply to a program chain, rather than specific modules. That way the system designers can ensure that users are controlling things in the optimum way. To allow this, Vistek control panels have provision for creating Vistek Virtual Control (VVC), so that a single "virtual" module can be created from as many physical modules as may be required. When coupled to the control and display power of the V1602 and V1605, this makes for a very flexible system that can be specifically tailored to each application, but which is not so complex as to prevent user modification as system demands change.

These panels also support Vistek's QCTrak system. This greatly simplifies operations at QC stations and the like. As signals are selected for monitoring, so the control panel automatically configures itself to provide control of the selected signals, without the operator having to make any selections at all. Operators no longer have to think about the hardware, but can concentrate on the signals.

And on the subject of monitoring, the panels have a full set of alarms, which can be user configured to trigger in response to specific fault conditions - if necessary, on a per module basis.

Technical Specification

V1602

POWER

Line Voltage	90 - 265Vac
Line Frequency	45 - 66Hz
Input Power	20W max
Connector Type	IEC

PHYSICAL

Height	87.2mm
Overall Depth	171mm
Depth Behind Mounting Face	150mm
Width	449mm

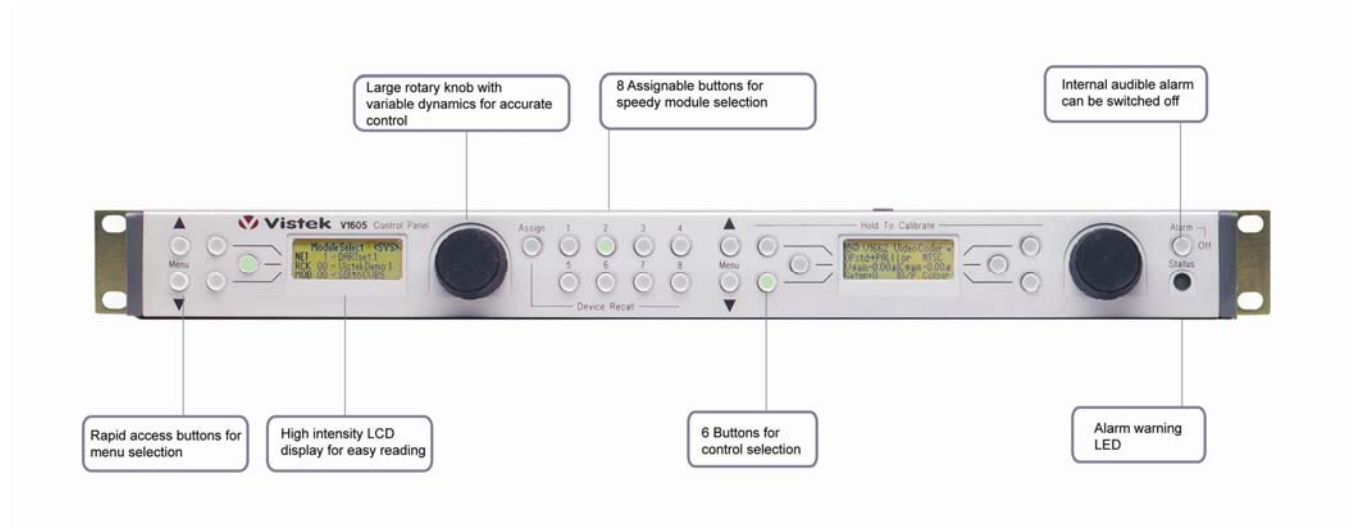
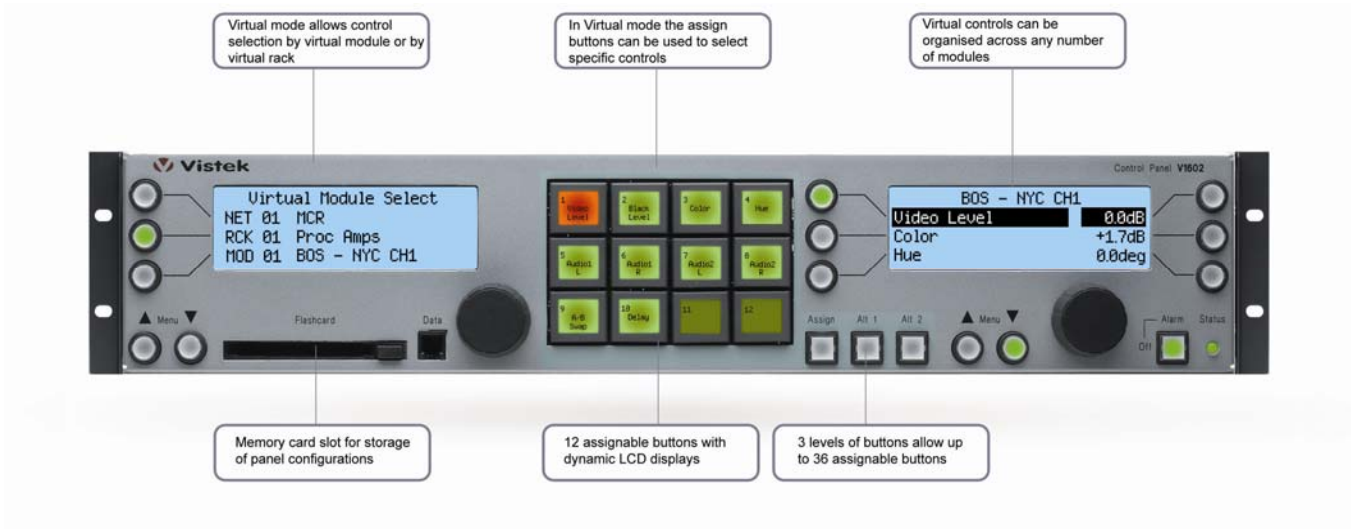
V1605

POWER

Line Voltage	90 - 265Vac
Line Frequency	45 - 66Hz
Input Power	20W max
Connector Type	IEC

PHYSICAL

Height	43.6mm
Overall Depth	171mm
Depth Behind Mounting Face	150mm
Width	449mm



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