



Custom Design OEM Systems.

EGO Systems Inc.

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GPI Master

Model Number: MST103



Details

EGO Systems Inc. produces custom design electronics for the Cable, Broadcast, and Telephony markets specializing in switching and automation products. The GPI Master is the primary component of a master / slave automation system. The Model MST103 will receive contact closure, 4 digit DTMF tone sequences, or serial data streams on 8 to 48 unique channels (expandable up to 192 unique channels) and broadcast control information to unlimited number of slaves connected to either redundant video outputs or RS-232 serial stream.

Modes of operation

BIT + BYTE Modes

BIT Mode: Is designed to be a relay mimic control system where as either a contact closure, any one of six predetermined DTMF tone sequences (4 digits) per channel will initiate relay activation in any number of slaves connected to the video feeds. The RS-232 CTRL / LOG and RS-232 LOG port simultaneously output control and logging data up to 56Kbd of outbound information corresponding to received tone sequences

BYTE Mode: Is not limited to specific channel operation, it allows for serial data communication via the video signals at a maximum rate of 1200 baud. This mode is not as predictable as BIT mode but allows for greater range of control and up to 288 DTMF tones sequences (4 digit) per slave channel.

Features/Benefits

The MST103 is the primary component of a master slave automation system. It is designed to receive control information in the form of contact closure or 4 digit DTMF tone sequences (6) on any one of eight to forty-eight unique channels (expandable to 192 channels). Then mimic or communicate this control to an unlimited number of slave units via redundant video signals or RS-232 serial data stream. This is accomplished by the MST103 by inserting redundant control data within the vertical interval of two video signals supplied by the end user (only one video signal required for operation in video mode). This eliminates control latency via terrestrial or satellite communication, where as the control accompanies the video signal(s) and maintains a predictable relationship between control and video delivery, even through multiple signal paths and varied compression schemes may be used.