

GST-MP16, GST-DPS50, GST-DPS100, GST-DP50, GST-DP100

Voice Alarm System Master/Distributor Panel



Description

The GST-MP(Master Panel) and GST-DP/DPS(Distributor Panel) operate with any Fire Alarm Control Panel (FACP) and provides 50 or 100 Watts of speaker power. Each panel has its own power supply and battery charger. The Panel must be wired with 120 or 240 VAC and standby batteries connected. The panel is housed in a surface or semi-flush mounted backbox with a hinged and key locked door.

Features

- Master Mic Control
- 16 Switch Control Points
- Dual Channel DMR and Audio Interface
- High Speed Communication Loop
- 50/100 Dual or Single Watt Amplifier, Dual/Single Amplification
- Configuration for 4 or 8 Output Zones
- Live Microphone Override of Message and Tone
- Compatible High Reliability, No Maintenance, Fully Supervised
- Easy Installation and Operation
- Studio Quality Voice Recordings Built in Alarm and Alert Signals

Technical Specification

Dimensions	14.5" x 27" x 4" (W x H x D)
Primary Power	120VAC
Battery Power	24VDC
Electrical Ratings	All circuits @ 24VDC
Voltage	5V peak to peak max
Frequency	1.024MHz
Current	50mA Max.
Impedance	120 Ohms (max between panels)
Color	Charcoal Grey

GST-MP Configurations

GST-MP16	16 Zone Integrated Voice Alarm & Fire Telephone master panel, c/w Blank Plates, Swing Door, 1 MMC and Back Plate with 1 x SLC, DCC, ASC, SSC, PWR, II & Cabinet box; battery and telephone assembly parts not included
GX-PWR	Power supply for GST-MP
MP-DCC	Data Comm. Controller for GST-MP
MX-II	Input interface card for expand input ports of GST-MP
SLC	16 Switches and LED's assembly parts for manual control at Master Panel
GST-MFA	Master Panel's replacement fire phone handset ,plate and interface PC board (include GST-MFH-A & MFP)
SSC	Switch Scan Card, Control up to 8 SLC (128 Switches). Multiple maximum 8 SSC cards can be used for a system capacity of 1024 Switches.

GST-MP Master Panel Current for Components		
Component	Standby	Alarm
DCC	83 mA	83 mA
ASC	23 mA	33 mA
MMC	46 mA	46 mA
MFP	9 mA	9 mA
II	18 mA	19 mA
SSC	28 mA	28 mA
SLC	0.2 mA	16 mA

GST-DP/DPS Configurations

GST-DPS50	Distributed Panel, Single Channel, 50W, c/w Back plate with 1x MBK,MBR,AMI,DCC; 1 XFMR and 1 GVX-50E
GST-DPS100	Distributed Panel, Single Channel, 100W, c/w Back plate with 1x MBK,MBR,AMI,DCC; 1 XFMR and 1 GVX-100E
GST-DP50	Distributed Panel, Dual Channel, 50W, c/w Back plate with 1x MBK,MBR,AMI,DCC; 2 XFMR and 2 GVX-50E
GST-DP100	Distributed Panel, Dual Channel, 100W, c/w Back plate with 1x MBK,MBR,AMI,DCC; 2 XFMR and 2 GVX-100E
MX-DCC	Data Comm. Controller for GST-DP
FPI	Fire Phone Interface, provides 4 supervised Class "B" Fire Phone circuits in distributed panel (4max 16 circuits).
FPO2	Fire Phone Output Adapter. Used with the 2nd, 3rd & 4th FPI cards in a DP panel. This card aligns all 4 Fire Phone circuits vertically.
GST-DPS50	Distributed Panel, Single Channel, 50W, c/w Back plate with 1x MBK,MBR,AMI,DCC; 1 XFMR and 1 GVX-50E
MBR	Mother Board / Remote for GST-DP
AMI	Audio Module Interface for GST-DP
MBK	Mother Board Relays, provides 4 Class "B" speaker Loop outputs. A maximum of 2 MBK cards provide 8 "Class B" or 4 Class "A" Speaker circuits per Distributed panel. One additional required for 8 Class "B" or 4 Class "A" Distributed Panel Speaker Circuits.
XFMR	Transformer for expander Amplifier module (220-240VAC Input)

GST-DP/DPS Distributor Panel Current for Components		
Component	Standby	Alarm
DCC	82 mA	84 mA
MBR	31 mA	31 mA
AMI	22 mA	22 mA
FPI	41 mA	41 mA
MBK	3 mA	31 mA

Certificates and Compliance

- UL listed

Order Information

Product Code	Model	Name
60102155	GST-MP16	Master Panel
60102167	GX-PWR	Power Supply
60102169	MP-DCC	Data Comm. Controller
60102173	MX-II	Input Interface
60102174	SLC	Switch Led Card
60102285	GST-MFA	Master Fire Phone Assembly
60102171	SSC	Switch Scan Card
60102162	GST-DPS50	Distribute Panel
60102163	GST-DPS100	Distribute Panel
60102165	GST-DP50	Distribute Panel
60102166	GST-DP100	Distribute Panel
60102386	MX-DCC	Data Comm. Controller
60102178	FPI	Fire Phone Interface Card
60102206	FPO2	Fire Phone Output Adapter
60102148	GVX-50E	Amplifier
60102150	GVX-100E	
60102176	MBR	Mother Board / Remote
60102177	AMI	Audio Module Interface
60102179	MBK	Mother Board Relays
60101498	XFMR	Transformer
60102229	GX-XI	Extended Input Interface
60102184	GX-FJ	Fire Phone Jack
60102185	GX-FH	Fire Phone Handset