



LYNTEL ELECTRONICS PRODUCT CATALOGUE

LYNTEL ELECTRONICS Pty Ltd

Unit 16/ 45 Tomlinson Rd, Welshpool, Perth WA 6106

Ph: 08 9356 3226 E: sales@lyntelelectronics.com W: www.lyntelelectronics.com

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MIXER, 6 CHANNEL

Topas TM6000



FEATURES

VOLUME CONTROLS

- Individual volume control for each input plus a master volume control.

TONE CONTROLS

- Tone modules (Base and treble) can be fitted to some, all, or groups of inputs. (2 modules supplied as standard).

VOX

- Vox modules (Voice operated switch) can be fitted on all or some inputs, excluding IP6. (2 modules supplied as standard).

CHIME

- A melody "Ding dong" chime can be used to signal staff period changes.

WARNING TONES

- User recordable voice message.
- Alert and evacuate standard tones. Alert tone increases in volume from initial activation in 5 even steps, until maximum volume. Evacuate tone interrupted every 4th burst by a user recordable voice message.

PRIORITY LEVELS

- Six levels of priority.

QUALITY DESIGN

- Designed and manufactured in Australia.

The TM6000 has been the retail sector's preferred mixer for more than 10 years. Designed and manufactured in Australia, the TM6000 is renowned for its ease of use, performance and reliability.

TECHNICAL SPECS

AUDIO INPUTS

- Six Inputs; 4 general purpose balanced inputs and 2 unbalanced inputs. Each input has a gain pre-set control on the rear panel and can be set for either 600R or 10k impedance (internal jumper).

AUDIO OUTPUT

- Transformer balanced 0dBm.

POWER SUPPLY

- 16VAC or 24VDC.

REMOTE SWITCHES

- Alert, Evac and Chime can be activated from remote locations.

ACTIVITY OUTPUT

- Program this terminal to signal activation of selected inputs or tones (internal jumpers).

MIXER/ ADVERTISEMENT PLAYER

Admaster TM6000e



FEATURES

PROMOTIONS

- Plays vendor adverts.
- Plays local promotions.
- Plays corporate messages.

BACKGROUND MUSIC

- Music downloads via WWW.
- Music from built-in MP3 player.
- Music from your existing source.

MEDIA ARBITRATOR

- Vendor adverts play without interruptions.
- Local promotions play without interruptions.
- Play on Demand messages play without interruptions.

VOLUME LEVELLING

- Monitors noise levels within the store and adjusts volume automatically.
- Adverts, Promotions and Announcements always play at correct volume.

PLAY ON DEMAND CALL POINTS

- Wireless; Ability to change locations with ease
- Won't interrupt adverts or promotions.

STANDARD INCLUSIONS

- Standard evacuation warning tones with voice message.
- "Ding Dong" melody chime for staff period changes, lunch bell and more.

The NEW media "Arbitrator" monitors traffic on the P.A system and "Time Shifts" Vendor ads, General Announcements, Spot Promotions, Price Checks, Lunch Bells or other sources of interruption until it can safely play them without collisions.



TECHNICAL SPECS

AUDIO INPUTS

- 1 x Magic Mic input.
- 7 x general purpose. Balanced, level selectable.

AUDIO OUTPUT

- Transformer balanced, 0dBm.

WEB CONNECTIVITY

- Vendor advert download via web.
- Corporate message downloads via web.
- Music downloads via web.

MAGIC MIC/ PROMOTION RECORDER

Magic Microphone MM1, MM2

Spot adverts and promos can be recorded quickly and easily in-store by staff members. Simply pick up one of the "Magic Mics", press the white button and record your message. The message will be replayed throughout the day at pre selected intervals, it's that simple.

Traditional Microphones have 1 button. The biggest drawback of these conventional microphones is that they can indiscriminately chop off other users of the P.A system. If required, Magic Mics will delay the user's announcement until adverts or other users have finished using the system.



FEATURES

THE GREEN BUTTON

- Make a general P.A announcement.
- Messages will be queued to avoid interruptions to adverts or promotions.

THE WHITE BUTTON

- On the spot repetitive promotions
- Messages will repeat throughout the day at a selected repetition rate.
- Promotions will be queued to avoid interruptions to adverts or announcements.

THE YELLOW BUTTON

- Choose your desired repetition rate.
- 5 x customisable choices.

THE RED BUTTON

- Make an urgent P.A announcement.
- No delay, urgent messages are played immediately.
- Will interrupt vendor adverts and/or spot promotions, just like conventional microphones.
- If adverts are interrupted they will play again later in full, keeping advertisers happy.

TECHNICAL SPECS

SHOUT STOPPER TECHNOLOGY

- Shout or whisper into the microphone and it will automatically level out the user's voice.

SILICONE BUTTONS

- Avoids damage when dropped.

DURABLE RETRACTABLE CORD

- Superior cord will maintain shape and retraction ability.

STURDY DESIGN

- Australian designed and manufactured
- Magnetic mount.

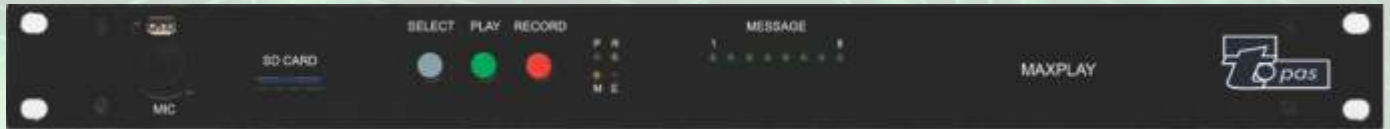
VARIANTS

- Retractable cord version – MM1
- Gooseneck version 450mm – MM2

PLAY ON DEMAND MESSAGES

Maxplay MP-8, 16 & 32

Maxplay is an automated messaging machine for broadcasting pre-recorded audio messages across your public address system. Call buttons linked to Maxplay trigger pre-recorded messages to play over the public address speakers. Stored messages are easy to record on-site and can be re-recorded as often as necessary.



FEATURES

- Simple recording process via microphone or PC.
- Excellent sound quality.
- Designed and manufactured in Australia.

TECHNICAL SPECS

- MP-8 - up to 8 messages.
- MP-16, up to 16 messages.
- MP-32, up to 32 messages.
- Rack mounting 1u.
- Power 12v DC.
- Output level 0dBm.

PLAY ON DEMAND BUTTONS

POD-HW

Play On Demand buttons (PODs) trigger a pre-recorded message to play over the public address system. Buttons can be pre-set to play a message once only and then self cancel, or pre-set to latch, repeating the message every 15 seconds until manually cancelled.

- Call point size 74mm x 117mm x 23mm.
- Surface or Semi-flush mount in standard single gang wall box.
- Requires 1 pair cable, 7/0.15 or greater.



PLAY ON DEMAND MESSAGES (wireless)

Maxplay MPW-1

The Maxplay MPW-1 is the latest automated messaging machine for broadcasting pre-recorded audio messages over a public address system. Buttons are battery powered and wireless for easy installation. A single receiver (not shown) can accept up to 32 buttons. Additional receivers can be added to increase range and/or coverage. Previously difficult to access locations are now made easy and buttons can be redeployed to other locations at any time. Stored messages are easy to record on-site and can be re-recorded as often as necessary.



FEATURES

- Wireless call buttons.
- Simple recording process via microphone or PC.
- Up to 32 stored messages.
- Excellent sound quality.
- Designed and manufactured in Australia.

TECHNICAL SPECS

- Up to 32 call buttons per system.
- Requires receiver (not shown) add receivers to extend range, max 16.
- Receiver requires 2 pair 8723 or equiv.
- Rack mounting 1u.
- Supply 24v DC.
- Output level 0dBm.

PLAY ON DEMAND BUTTONS (wireless)

POD, POD-LE

Wireless Play On Demand buttons (PODs) trigger a pre-recorded message to play over the public address system. Buttons can be pre-set to play a message once only and then self cancel, or pre-set to latch, repeating the message every 15 seconds until manually cancelled. Battery operated and wireless they are easy to install.

- Typical range 250m.
- 5+ years battery life (reasonable battery usage limits apply).
- Call point size 74mm x 117mm x 23mm.
- Surface or Semi-flush mount in standard single gang wall box.



DESK PAGING MIC, 1 ZONE

ZL-0001



FEATURES

- LINE LEVEL OUTPUT FOR INSTALLATIONS UP TO 500M
- PTT Lock
- 24V DC

DESK PAGING MIC, 8 ZONE

ZM-0008, ZL-0008



ZL-0008 (8 zone)



Zone paging microphones are ideal for use in large department stores, office buildings, schools, airports and more.

Silent operation, soft touch switches.

Slide in labels for easy zone identification

Reduced cabling cost. Uses 1 only, 2 pair shielded cable.

FEATURES

TWO MODELS AVAILABLE:

- ZM-0008 (microphone output level) for installations up to 150 metres; and
- ZL-0008 (line output level) for installations up to 500 metres.

SELECT 1-8 ZONES

- Touch switches select the paging zone required.
- An adjacent LED indicates zone selected. Zones can be toggled on and off as required and will remain selected until altered.

'ALL CALL'

- Selects all zones, or cancels selection of all zones.

'TALK'

- Single press activation initiates page to selected zones.

'BUSY'

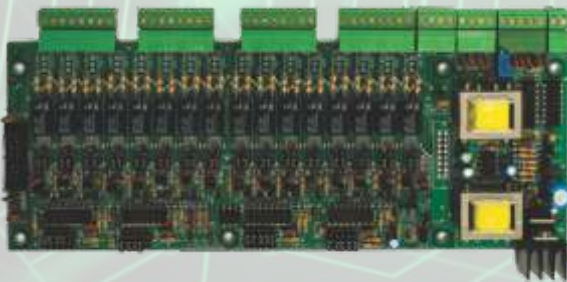
- Light Indicates other microphones on the system are in use.

DESK PAGING MIC, 16/32 ZONE

ZL-0016, ZL-0032



ZL-0016 (16 zone)



The ZL-0016 AND ZL-0032 are Zone Paging Microphone Consoles, which utilise advanced microprocessor technology to provide features not found on conventional paging microphones.

These microphones use momentary activation tactile switches that are very reliable and also require low operating pressure, reducing the audible "thump" that is common with some conventional microphones. Lights indicate selected zones. Zones can be left selected indefinitely, making repetitive pages to commonly selected groups easy.

Incorporated into the tactile switch panel are labelling windows that allow for easy, on site labelling, and can be changed later if required. The microphone switch panel has a "BUSY" light to indicate if other microphones or system resources are in use .

FEATURES

MODELS AVAILABLE:

- ZL-0016. Select 1 -16 zones.
- ZL-0032. Select 1 -32 zones

SELECT ZONES

- Touch switches select the paging zone required.
- An adjacent LED indicates zone selected. Zones can be toggled on and off as required and will remain selected until altered.

'ALL CALL'

- Selects all zones, or cancels selection of all zones.

'TALK'

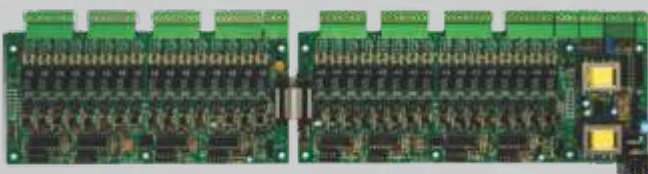
- Single press activation initiates page to selected zones.

'BUSY'

- Light Indicates other microphones on the system are in use.



ZL-0032 (32 zone)



AUDIO MATRIX, 8 X 8

TMM-88

The ToPAS TMM-88 is an area based matrix controller that allows selection and control of audio signals to be made on an area by area basis. Up to 8 sources- such as music, tuners, and microphones, can be routed to up to 8 areas.

When the same source is routed to several different areas, the volume, bass and treble can be varied in each area independently. For example, an announcement that needs to be louder in one area to be heard over general background noise, but quieter in offices etc.

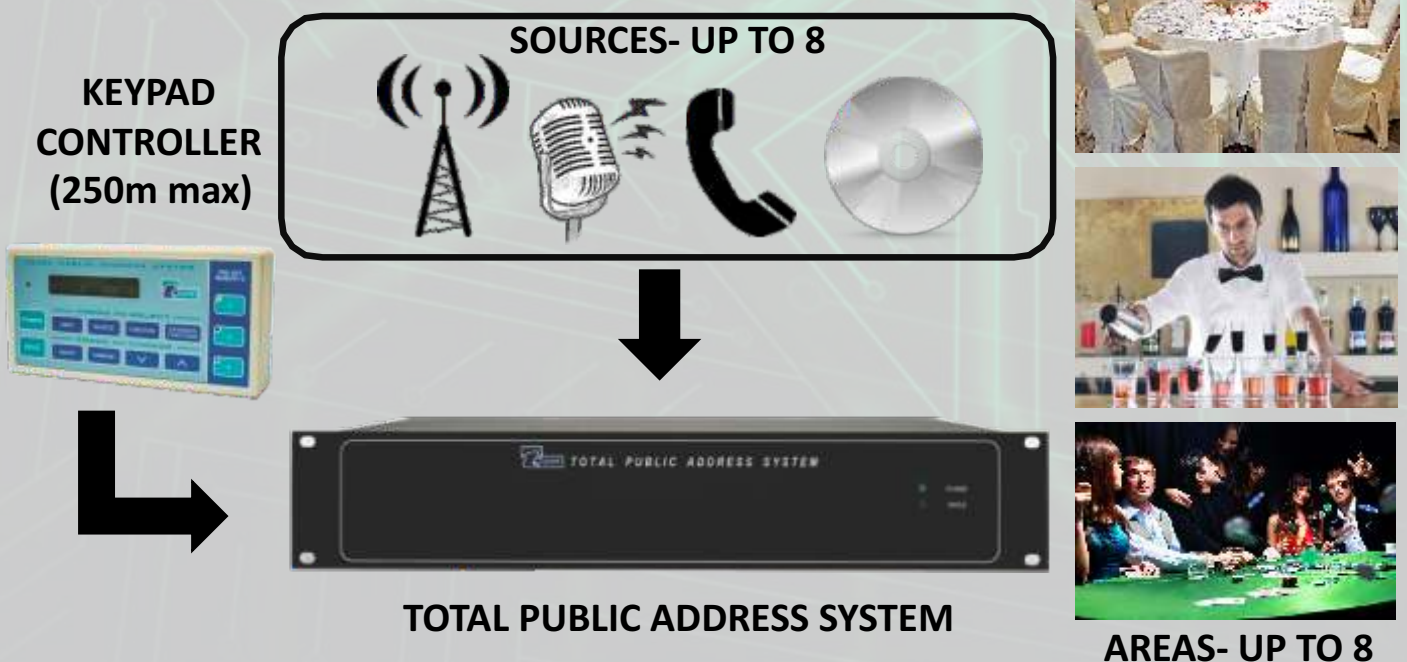
Priorities can be assigned to individual sources and applied independently to each area. For example, the reception microphone may be the highest priority in common areas, while a local microphone has highest priority in its immediate vicinity.

A secondary source can also be mixed with the primary source, allowing both sources to be heard in the same area at the same time. For example, the background music in a foyer can continue to play while an announcement is made, however in the carpark, the same announcement may mute the background music.

For greater flexibility, three separate system configurations can be stored and recalled by the press of a single button. This is ideal for venues that reconfigure the PA system for special events on a regular basis.

For many installations, the TMM -88 is a cost effective solution as only the required quantity of source or area modules need to be purchased. Additional modules are sold separately and can be added as required.

The TMM-88 is particularly suited to department stores, restaurants, RSLs, clubs, bars, offices and many other multi -zone venues.



AUDIO MATRIX, 8 X 8

TMM-88

Control volume, bass and treble of every source in every area

Every area has separate settings for volume, bass and treble for each of the source programs in that area. This makes it possible to tailor every source program to sound just right in every area without compromise.

Minimum permissible and maximum permissible volume for every source in every area

Volume locks can be set for each source, in each area, to prevent volumes being inadvertently turned too low or too high. "Minvol" and "Maxvol" settings are applied, limiting volume adjustments within this range.

Eight levels of priority override

Each area has its own priority level setting for all source programs in that area. This allows a microphone to be set to a high priority in one area, and lower priority in another area.

Up to 8 source inputs

Each source required has its own modular input card. Modules are available to suit almost all source types. Some examples of available source modules are microphone, microphone with audio compression, microphone with VOX (voice operated switch), zone paging microphones, auxiliary, auxiliary with audio compression, auxiliary with VOX etc.

Up to 8 area outputs

Each area output required has its own modular output card. All output modules have a control output to facilitate overriding relays at local volume controllers.

Save different system configurations

Three different system configurations can be programmed and saved, allowing each one to be recalled at the press of a button.

- 86 x 171 x 35mm.
- Power - Turn system off and on.
- Help - Displays step by step instructions on how to use.
- Area - Select the area you wish to make changes in.
- Source - Select the source you wish to make changes to.
- Function - Select volume or status (off / on).
- Extended Functions - Select bass, treble, priority levels and other functions.
- On/Off - Turn the source Off or On.
- Combine - Turn on another source in the same area.
- Lower the volume, bass, treble etc.
- Raise the volume, bass, treble etc.
- 1, 2, 3 - Use these keys to memorise commonly required configurations.
- Display Panel - Display shows all settings, volume levels etc.



SAFETY SHUTDOWN TIMER

LE-DSST-1, LE-DSST-2

The LE-DSST family of products is designed to provide controlled shutdown of sensitive electronic equipment.

Primarily used in applications where a vehicle or machine is fitted with a main battery isolator, the LE -DSST will temporarily maintain power to the equipment for a pre-set time after opening the battery isolator. Following this timeout period, power to the external equipment is removed completely.

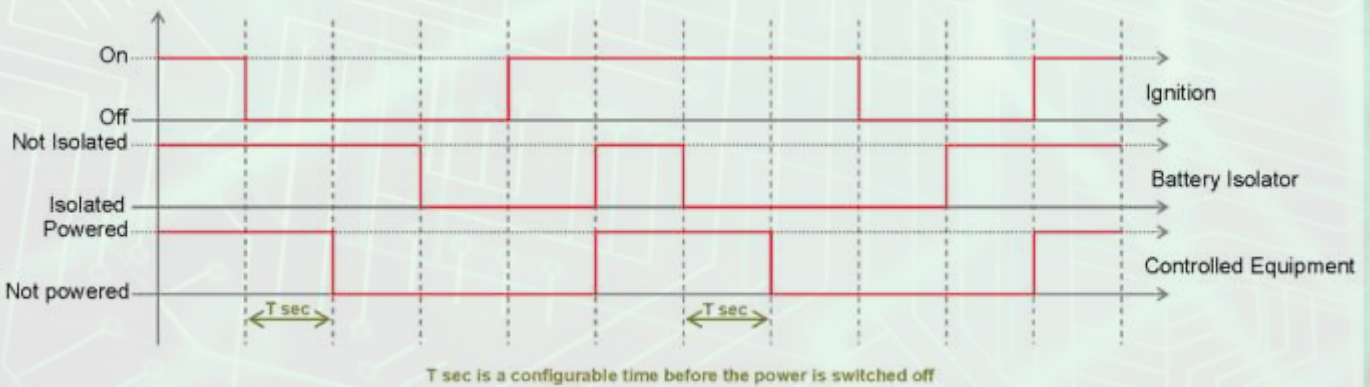
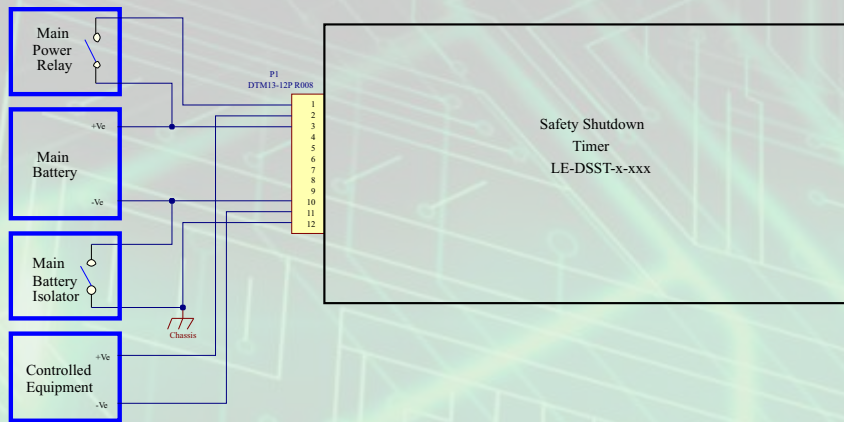
The use of forced contact safety relays assures that the power supply is fully isolated once the timeout period has elapsed. It is recommended that the LE-DSST is located within the main battery compartment or as close as possible to the main battery. The LE-DSST is available in 12V and 24V and can be ordered with timeout periods to suit most applications. Please see ordering matrix for available timeouts.

Part Number	Voltage	Timeout
LE-DSST-1-005	24VDC	5 seconds
LE-DSST-1-010	24VDC	10 seconds
LE-DSST-1-022	24VDC	22 seconds
LE-DSST-1-045	24VDC	45 seconds
LE-DSST-1-090	24VDC	1.5 minutes
LE-DSST-1-180	24VDC	3 minutes
LE-DSST-1-360	24VDC	6 minutes
LE-DSST-1-144	24VDC	24 minutes
LE-DSST-1-288	24VDC	48 minutes
LE-DSST-1-576	24VDC	1.6 hours
LE-DSST-2-005	12VDC	5 seconds
LE-DSST-2-010	12VDC	10 seconds
LE-DSST-2-022	12VDC	22 seconds
LE-DSST-2-045	12VDC	45 seconds
LE-DSST-2-090	12VDC	1.5 minutes
LE-DSST-2-180	12VDC	3 minutes
LE-DSST-2-360	12VDC	6 minutes
LE-DSST-2-144	12VDC	24 minutes
LE-DSST-2-288	12VDC	48 minutes
LE-DSST-2-576	12VDC	1.6 hours



SAFETY SHUTDOWN TIMER

LE-DSST-1, LE-DSST-2



Specifications

Supply Voltage @ +25C

LE-DSST-1

Min	18V
Nom	24V
Max	30V

LE-DSST-2 @ +25C

Min	9V
Nom	12V
Max	15V

Load Current

Max 3A

Timing accuracy

+/- 25%

Operating Temperature

-20C - +70C

Supply Current @ +25C

LE-DSST-1

Operating	100mA
Isolated	0mA

LE-DSST-2 @ +25C

Operating	200mA
Isolated	0mA

Note, does not include equipment being controlled

Size

120mm x 135mm x 35mm

Weight

300g

RoHS

Yes

Specifications are subject to change without notice

PRESSURE MONITOR

TCP-1

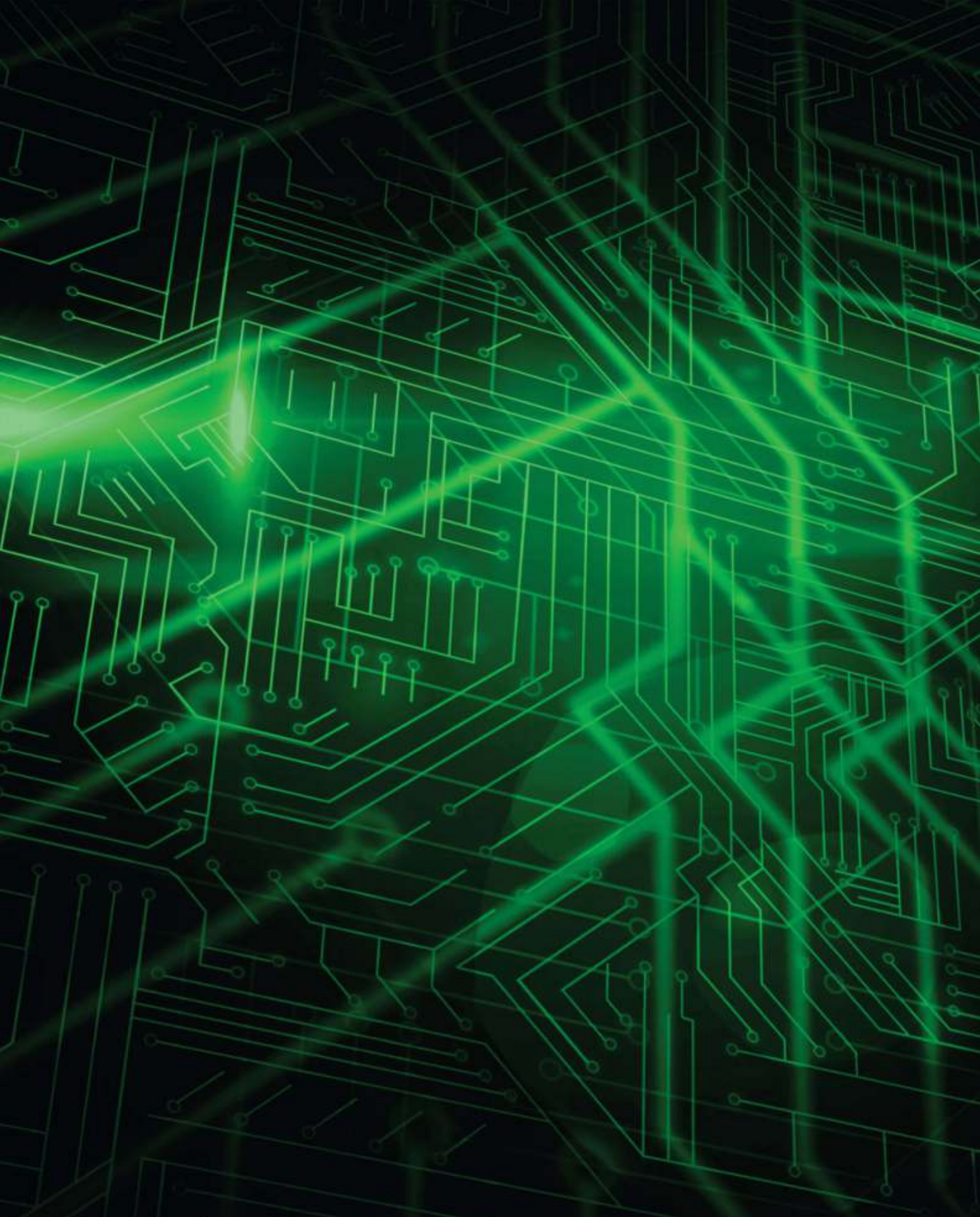
The ToPAS pressure monitor is a dual channel, differential air pressure sensor.

Typical uses include dust ingress avoidance systems in vehicles, monitoring air delivery pressures across filtration systems, air delivery systems failure, smoke ingress protection systems.

FEATURES

- Independent display for each channel.
- Low pressure and high pressure alarm set points for each channel.
- Configurable timeout before alarm condition occurs/restores.
- Differential pressure range +/- 125 Pascals.
- Alarm output to drive external devices.
- Large backlit display.
- Dim setting for low light conditions.
- Supply 12 or 24V.
- Rugged construction for industrial use.





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