

ATS 4024 / IIC

Flameproof

Wall Mounting PA Station



Technosolutions

A Square Technosolutions, leading manufacturer, sales & service provider in industrial communication field presents

Flameproof Paging Station

suitable for hazardous areas,

with better features

at competitive price.



ATS 4024 / IIC Flameproof Wall Mounting PA Station

It is made of special aluminum alloy casting machined to high accuracies ensuring the required flame path to comply with IS 2148-2004 standard. The unit has got built in line and power amplifiers with control logic circuitry to ensure clear and distortion free audio out put. Provides 2-Channel audio output. The unit has two numbers of push buttons, which can be used for PAGE function and CALL MASTER/ SPEAKER MUTE function. The channel busy indication is provided on front panel. The line and amplifier outputs can withstand short circuits.

Salient Features

- ◆ Perfect substitute for costly imported wall mounting Stations with the similar Specifications offering great savings.
- ◆ Design based on 20 years of rich experience in the Industrial communication field.
- ◆ Suitable for use in diverse industrial environments in any type of industry.
- ◆ Two independent channels.
- ◆ Simplicity of operation.
- ◆ Construction suitable for easy servicing.
- ◆ Certified by CMRI for use in hazardous area as per IS-2148-2004 (IEC 60079-1/2001) for class-I, class IIA and class II B, II C.
- ◆ Fully compatible with Philips Paging System with 30 Watt peak power output.

CMRI Certificate Number

CMRI/TC/P/H548 dated 26/11/2013

Technical Data

Transmit Section

| | |
|----------------------|-----------------------|
| Input sensitivity | 3mV |
| Rated output voltage | 2V rms across 240 ohm |
| Distortion | < 1% @ 1 KHz |
| S / N ratio | < -50dB (unweighted) |

Power Amplifier Section

| | |
|-------------------------|---------------------------------|
| Input sensitivity | 2V rms |
| Input impedance | 230 ohms |
| Rated power output | 30 W (P) in 8 ohms |
| Rated load impedance | 8 or 16 ohm |
| Distortion | < 1 % @ 1KHz |
| S / N ratio | Better than 50 dB |
| Volume control settings | Internal taps for 0,-3,-6,-12dB |

Controls on front panel

| | |
|---------------------------------------|-----|
| Page switch | Yes |
| Private switch | No |
| Loudspeaker Mute / Call Master switch | Yes |

Controls inside

| | |
|---------------------------|---|
| Input sensitivity control | Yes |
| Receiver volume control | Yes |
| Volume control for LS | Yes |
| Cable entry | Via 5 nos glands at bottom |
| Cable termination | All the field cables are terminated on Terminal bock. |

Climatic

| | |
|-------------------|--------|
| Temperature Class | T6 |
| Clour | Orange |
| IP Certification | IP65 |

Power Supply

| | |
|----------------------|--------------------------------------|
| Rated supply voltage | 110/240V AC, 50 Hz (±10%) |
| Current consumption | (240V tapping set on delivery) 25 mA |

Standards & Certifications

| | |
|------------------|---|
| IEC 60079-1/2001 | Safety standard as is applicable for industrial products Safety of operator against electrical shocks ensured |
| IEC 60079-0/2000 | Temperature class T6 |
| IS 12063-1987 | Weatherproof construction IP 65 |

We also offer sales & service support for the Industrial & Naval communication, Fire alarm, Conference and Customized audio-video Systems.

For any further details, please contact us on:



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