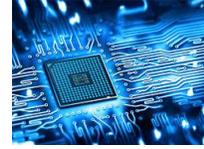


ZIZTEL CPP PAGE PARTY SYSTEM

TDS-014 Issue 02 Ziztel Technical Bulletin



Thank you for your interest in Ziztel - we are a UK based manufacturer of PAGA and Intercom products. Our systems are mainly designed for use in the Hazardous Oil, Gas and Petrochemical industries.

The 'Page Party' concept was developed over fifty years ago to provide a low cost alternative to PBX based telephone systems. The Page Party systems currently on the market have not changed much since inception and still require expensive multicore cables (up to 16 conductors) and depend on legacy mechanical rotary switches. In recent years cost of installing a PBX has dropped dramatically but the demand for an open channel group voice communication system is still strong. The Ziztel CPP solution builds on the highly developed 350A class G amplifier series which with PPX16 Party / Page switch eliminates the special multicore cables and mechanical rotary selectors whilst providing point to point subscriber selectivity and retaining the open channel party communication capabilities.

INTRODUCING THE CPP PAGE PARTY SYSTEM

Fully selective point to point duplex handset communication – Major enhancement over conventional Page / Party Systems

Open channel Party line – non private group conversations

Digitally processed paging – Reduced risk of acoustic feedback

The Ziztel CPP Page Party system is an efficient reliable two way voice communication and broadcast package designed to provide service in an industrial application. The system comprises of a Ziztel CPP Party / Page cabinet, which enables connection of handset subscriber stations and paging loudspeakers. The system can support over one hundred handset stations with in excess of one thousand broadcast loudspeakers.



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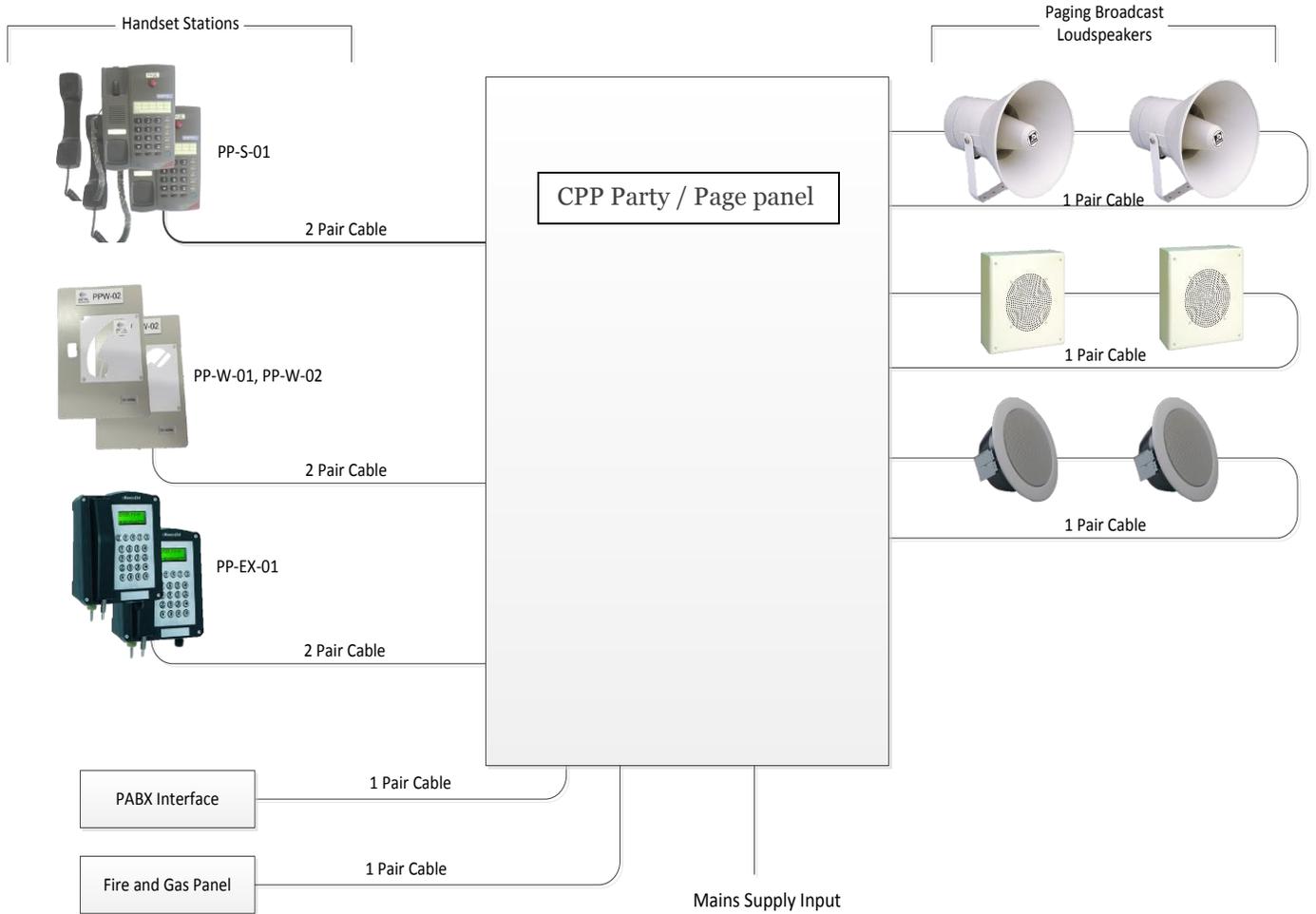
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Where additional Field Equipment capabilities are required the panel can be networked with the system then supporting multiple cabinets each autonomously serving handsets and loudspeakers in the respective location.

The core CPPI cabinet is based upon the Zitel PPX16 Party / Page switch which supports up to 16 x handset subscribers. The PPX16 is “cascadable” to extend handset switching connectivity. The panel also incorporates 350A or 350-500A 350 and 350 Watt paging amplifier modules which provide drive to multiple paging loudspeaker devices.

Depending on handset / speaker assignment the CPP Party / Page cabinet is available as a conventional floor standing 19 inch rack or a compact wall mount assembly.

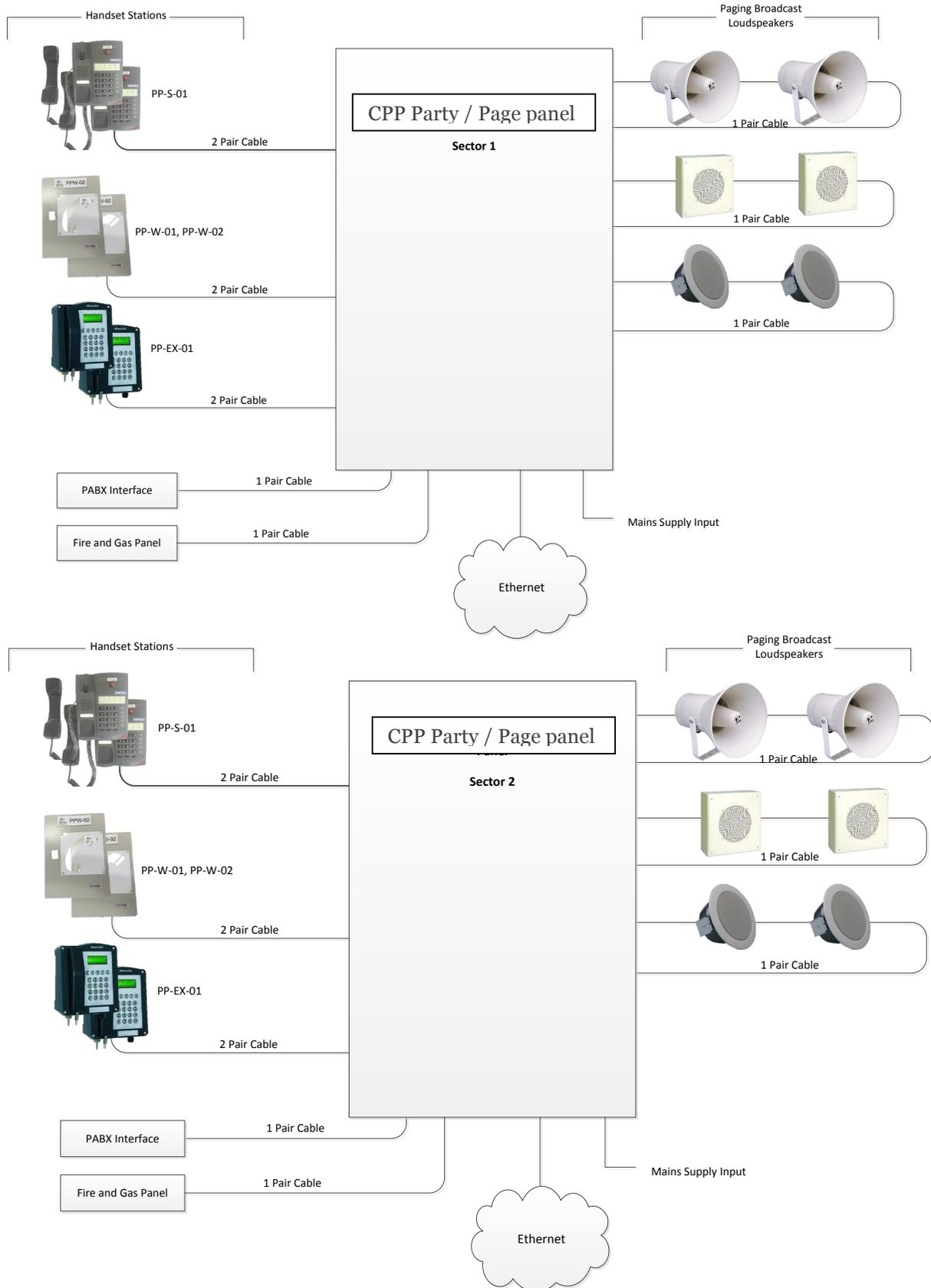


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Distributed CPP Party / Page solution using Ethernet IP connectivity



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Both types incorporate MDF (Main Distribution Frame) and power supply conversion enabling operation from a range of optional supply inputs from 24U, 48 VD.C. and 90-254VA.C.

The PPX-16 switch supports connection to a range of handset stations from PP-S-01 desk / wall mount safe area station, PP-W-01, PP-W-02 Weatherproof Industrial safe area station to PP-EX-01 Explosion proof Zone 1 ATEX Certified handset station.



PP-S-01 Datasheet DS-020



PP-W-02 Datasheet DS-142



PP-EX-01 Datasheet DS-218

See Datasheets DS-024 (PPX-16), DS-011 (350A), DS-213 (350-500A) for further information.

Zitel CPP Party / Page compact wall mount panel shown is equipped for 32 handset subscribers and up to 700 Watts of loudspeaker network load. The panel supports point to point selective full duplex handset communications as well as open channel party line speech routing and digitally processed voice paging broadcast capability to all loudspeakers.



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