

# SSP008-CLS

## TALKBACK INTERCOM SUBSCRIBER EX SELECTOR PANEL

DS-265 Issue 02



Thank you for your interest in Zitel - 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 SSP008-CLS allows the operator to selectively communicate to MT50 talkback subscribers. The unit is simple and robust allowing long through-life service. Maintenance is greatly simplified by locating all electronics in the central MT50 exchange location.

### ZITTEL SSP008-CLS FLUSH FIT PANEL

Zone 1/Zone 2 hazardous area operation – *No safe area required*

Keys large enough to be worked by gloved hand – *Simple operation*

No local supply required – *Simple installation*

Hands-free operation once routing request established – *no complex call plans/operating procedures*

The SSP008-CLS is an explosion proof access control panel designed for use with an MT50-20 talk-back intercom system.

The unit is safe for use in hazardous atmospheres and is suitable for both Zone 1 and Zone 2 applications. The assembly comprises of a robust high grade steel panel which carries the following: Illuminating subscriber selectors, MG600 Ex i gooseneck microphone and integral 8Watt Ex de loudspeaker.



Photo shows the SSP008-CLS with ATEX headset facility option included, the goose neck microphone is available with a 'long reach' stem up to 600mm length.

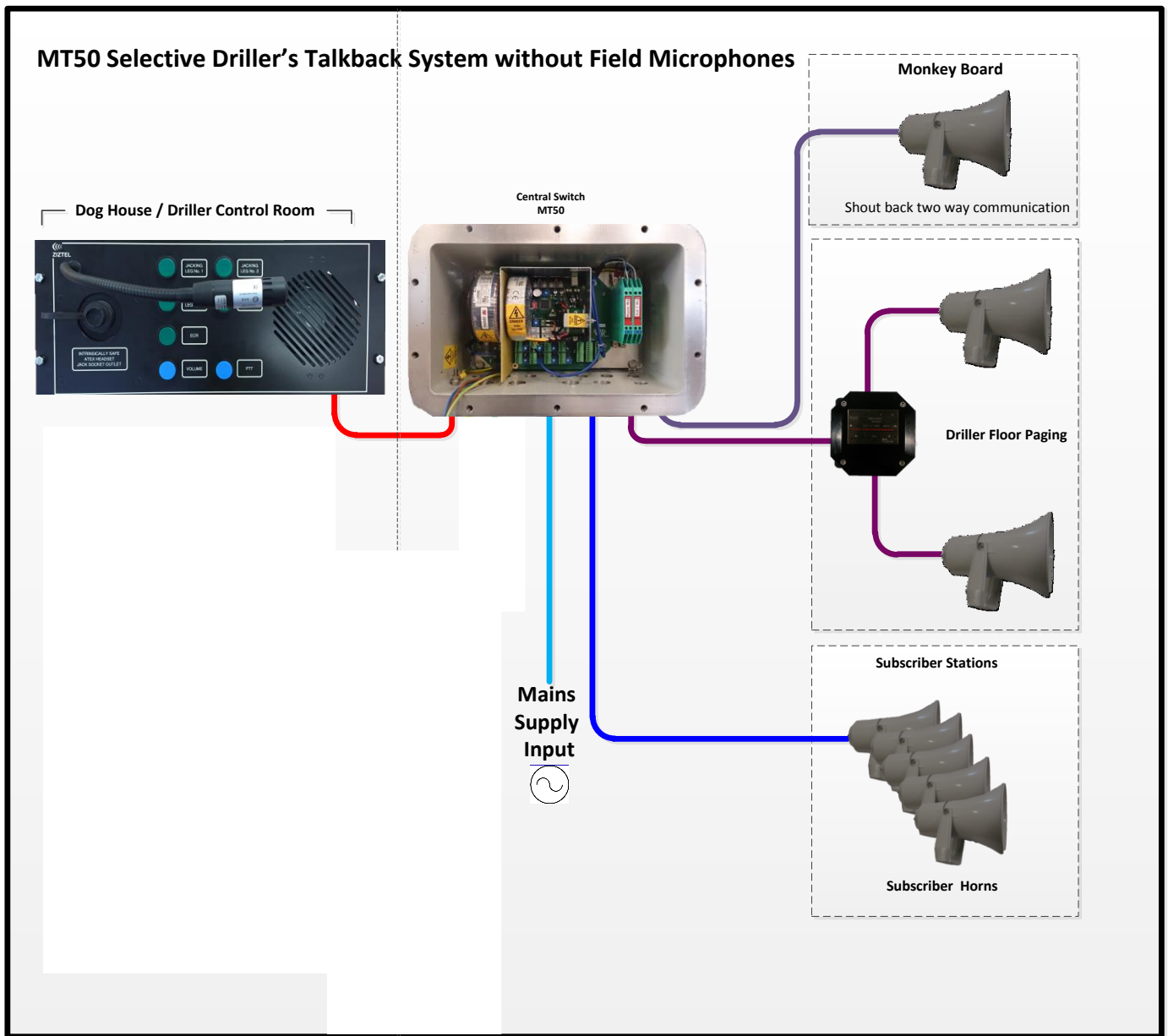
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The unit can optionally carry push button multi step volume control and/or a socket outlet permitting connection of an Ex i intrinsically safe ATEX certified headset.

SSP008-CLS forms the master position talkback assignment enabling the operator to discreetly establish priority voice communications to selected subscriber stations and thereafter execute hands-free two-way talkback intercom. The panel provides visual signaling to augment the acoustic call tone given when a subscriber requires attention from the master panel operator. The MT50 system is totally non-blocking and all subscribers can call in simultaneously and be displayed on the SSP008-CLS without risk of losing a potential subscriber outstation request. Standard execution is up to eight keys per panel with SSP008-CLS panels available from two to eight selections. For larger systems the SSP008-CLS can be expanded to thirty two (32) subscribers. Keys can be assigned to special functions according to host MT50 controller configuration, for example a key can be declared as an alarm push button control instead of a subscriber selector. Panels can be designed to meet client requirements enabling effective use in confined spaces or special housing/console arrangements. Use of corrosion resistant materials ensures survival in aggressive climatic and harsh operational conditions.



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Typical shout back application shown previous page utilising SSP008-CLS master operator control panel. The subscriber shout back loudspeakers can be augmented with either ZAP10-02 or MG600EXi hazardous area ATEX certified noise cancelling microphones guaranteeing high intelligibility speech in very harsh operating conditions.

**Note that the MT50 system operates exclusively in a Zone 1/2 hazardous area, no safe area is required for any part of the package, this includes the central exchange and power amplification.**

Technical Specification	
Supply Voltage	Phantom powered from central MT50 - no local power required
Number of keys	MT50 central up to 8 buttons (expandable to 32 buttons)
Key action	Momentary electronic push on/push off
LED	Integral to illuminating key/button assembly
LED colour	To specification
Loudspeaker	Integral Ex de explosion proof 8Watt loudspeaker 100 v line
Microphone	Ex i gooseneck mounted noise cancelling MG600 Ex i intrinsically safe certified
Headset socket	Optional 6-way Buccaneer weatherproof Ex i outlet for ATEX headset connection type HS001Ex
Connection	By integral flexible cable tail (3M length, longer to order)
Dimensions	483mm x 178mm x 300mm (panels can be tailored to suit console requirements/restrictions)
Weight	10kg
Material	Steel
Finish	Epoxy powder marine standard paint
Colour	Semi-gloss black with white legends
Temperature range	-20 °C to +50 °C
IP rating	IP66 (front face)
Hazardous Area	Zone 1, 2 T6 IIB + H2

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