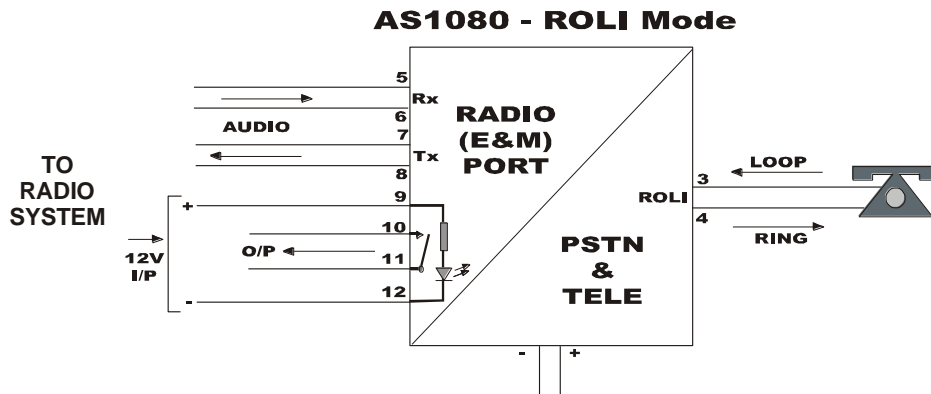


AS1080 – Operational Modes

Description –

The unit has been designed on the proven hardware of the Multisig but with firmware specifically modified to meet the requirements of Zetron. The unit will provide ROLI or RILO to the telephony equipment and dry contact out and 12Vdc in on the radio interface port.

Operational Mode 1 ROLI –



NOTE – Set SW1 OFF

IDLE –

GREEN & RED Lamps pulse every 5secs.

SEIZE from TELEPHONE –

Telephone Off Hook –

RED Lamp ON

Closed Contact on O/P to Radio (M Lead)

Ringtone to Telephone (Standard Cadence 400on/200off/400on/2000off)

ANSWER –

12Vdc I/P from Radio –

GREEN Lamp ON

Ringtone Off

CLEARDOWN –

Telephone back On Hook & Removal of Volts – Back to IDLE

SEIZE from RADIO –

12Vdc I/P from Radio –

GREEN Lamp ON

Ringtone to Telephone (Standard Cadence 400on/200off/400on/2000off)

Ringtone to Radio (Standard Cadence 400on/200off/400on/2000off)

ANSWER –

Telephone Off Hook –

RED Lamp ON

Closed Contact on O/P to Radio (M Lead)

Ringtone Off

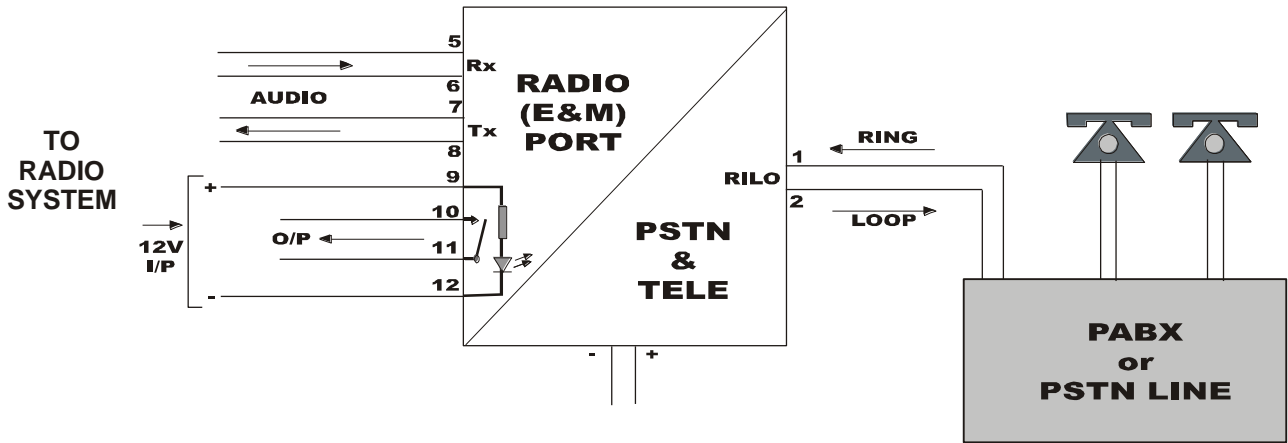
Ringtone Off

CLEARDOWN –

Telephone back On Hook & Removal of Volts – Back to IDLE

Operational Mode 2 RILO –

AS1080 - RILO Mode



NOTE – Set SW1 ON

IDLE –

GREEN & RED Lamps pulse every 5secs.

SEIZE from PABX/PSTN –

Ringing from PABX/PSTN –

RED Lamp ON in time with Ring Cadence received

Closed Contact on O/P to Radio (M Lead) – Hold during ringing for 4secs after last ring cycle

Ringtone to Radio in time with Ring Cadence received

ANSWER –

12Vdc I/P from Radio –

GREEN Lamp ON

Loop applied to PABX/PSTN

Closed Contact on O/P to Radio (M Lead)

Ringtone Off

CLEARDOWN –

Loop & O/P to Radio hold until I/P from Radio cleared – Back to IDLE

SEIZE from RADIO –

12Vdc I/P from Radio –

GREEN Lamp ON

Loop applied to PABX/PSTN

ANSWER –

NOTE – this is a simulated answer not relative to the telephone condition

Closed Contact on O/P to Radio (M Lead) after 4secs

RED Lamp ON

CLEARDOWN –

Loop & O/P to Radio hold until I/P from Radio cleared – Back to IDLE

Alistair Douglas

06/12/04