

## Wireless Phase Comparator –WPC2000

### Quick Reference Guide Operating Instructions

#### Proving Operation

Holding the units close to each other press both the **Receiver** (Blue coloured cone) and the **Transmitter** (Yellow coloured cone) buttons.

RED LED's on both units Flash for about 5 Seconds

RED LED's on both units Light Continuously & Receiver Green LED Flashes ON and OFF every 5 seconds and the Buzzer sounds when the Green LED is illuminated

#### OUT of PHASE

##### Transmitter Operation

When the Transmitter is connected to a Live HV Conductor via its contact electrode the unit switches ON, The **RED LED's** in the Transmitter Flash on/off and after about a 5 seconds arming phase the **RED LED's** light continuously.

At this stage the internal radio module transmits phase information of the line to the receiver.



##### Receiver Operation

When the Receiver is connected to a Live HV Conductor via its contact electrode, the Receiver switches ON

The **RED LED** in the Receiver Flashes on/off and after about a 5 second arming phase the **RED LED** lights continuously one **RED LED**

The **GREEN Led** and the Buzzer will NOT be on.



#### IN PHASE

HVOM0013-G1

AUTHOR: M.Clancy

CHECK: D.Maxim

Date: 17/08/2021

Date: 08/08/2024

MOD BY: E.Makonnen Date: 08/08/2024

<p><b>Transmitter Operation</b></p> <p>When the Transmitter is connected to a Live HV Conductor via its contact electrode the unit switches ON, The <b>RED LED's</b> in the Transmitter Flash on/off and after about a 5 seconds arming phase the <b>RED LED's</b> light continuously. At this stage the internal radio module transmits phase information of the line to the receiver.</p>	
<p><b>Receiver Operation</b></p> <p>When the Receiver is connected to a Live HV Conductor via its contact electrode, the Receiver switches ON The <b>RED LED</b> in the Receiver Flashes on/off and after about a 5 seconds arming phase, the <b>RED LED</b> lights continuously the <b>GREEN Led</b> will light continuously and the <b>Buzzer</b> will sound continuously.</p>	

*MANUFACTURED BY:*

**High Voltage Instruments Ltd.**

15-16 Woodbridge Meadows, Guildford, Surrey, GU1 1BJ, United Kingdom

Telephone: 01483 207428

email: sales@hvil.com