

<b>PROJECT :-DDA1 EUROPHONE WITH NEW SPEAKER</b>	<b>EUROPHONE</b>
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Sheet 1 of 1

### **I.P. Test to verify water ingress protection**

A fully assembled Telephone panel part no. 228-02-2321-902 was assembled in accordance with instructions relating to the assembly.

The unit was visually inspected and function tested in accordance with the associated specification

Equipment used to perform the test was a water jet hose with a 6.3mm diameter nozzle.

#### **Test procedure**

The test was performed by spraying all faces of the telephone panel from all practical directions with a stream of water from a standard test nozzle.

- The diameter of the nozzle was no more than 6.3mm.
- Delivery rate was maintained at 12.5 l/min  $\pm 5\%$
- Water pressure was adjusted to achieve the specified delivery rate.
- Minimum test duration of 3 minutes was observed.
- Distance from nozzle to unit surface was maintained between 2.5 and 3m for the duration of the test.

#### **Results**

On completion of the test the unit was opened to check for water ingress. There was no water present within the telephone rear enclosure. The areas around the speaker, microphone assembly and LED were carefully inspected for any signs of water penetration. There was no evidence of water ingress and the integrity of all seals around the components were maintained. The telephone panel therefore meets the requirements of figure X5 for ingress protection to BS EN60529 : 1991.

Verifiers name :- P.J.Allsop

Signature :-



Date of verification :- 16 January 2008