

Pre-commissioning checklist for Addressable Fire Detection BSR-100X

Client Name:			
Project Name:			
Installer / Company :			
Installation Date:			
Client Contact details:	Country/Town/Address :	Tel:	Email:
Installer contact details:	Name:	Tel:	Email:

Panel details

Purchased from:			
Date of purchase:			
Item specific model :			
Serial Number:			

AVAILABILITY OF GENERIC DOCUMENTATION		REMARKS
Instruction manuals.	YES <input type="checkbox"/>	NO <input type="checkbox"/>
Installation guide.	YES <input type="checkbox"/>	NO <input type="checkbox"/>
Complete graphical floor plan. Point and panel allocations.	YES <input type="checkbox"/>	NO <input type="checkbox"/>
Specific document requirements of site. Others.	YES <input type="checkbox"/>	NO <input type="checkbox"/>

SITE PREPARATIONS Carry Out the following	OK
The mounting surface should be able to support up to 20Kg.	<input type="checkbox"/>
Ensure the panel is suitably ventilated and allocated in an accessible non-explosive environment with room temperature from -5°C to 40°C (23°F to 104°F)	<input type="checkbox"/>
Ensure the installation site is suitably prepared for IP30 degrees of protection.	<input type="checkbox"/>
Check if you have received all parts, correct panel, documentation and correct batteries.	<input type="checkbox"/>
Inspect the panel for any physical damage.	<input type="checkbox"/>

ELECTRICAL INSTALLATION	OK
Check if the MAINS power cord is suitably connected to the indications L - N - PE.	<input type="checkbox"/>

CABLE AND POINT ROUTING		OK		
The panel is equipped with the recommended MAINS cable at least 3x1.5mm ²	<input type="checkbox"/>			
The LOOP cables have a safety distance at least 50cm from any Mains cable (220 -240 VAC), fluorescent and LED lamps.	<input type="checkbox"/>			
The LOOP cables have a safety distance at least 5m from any motors or power stations.	<input type="checkbox"/>			
Check if cable shield - of any cable -is terminated to Power Earth (PE).	<input type="checkbox"/>			
All the LOOP connections have been wired with the recommended cables. (see installation manual)	FIP200	MICC	PYROFIL	OTHER
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Two core or multi core has been used? Specify the number of cores for each LOOP.	LOOP1	LOOP2	LOOP3	LOOP4
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mark for each LOOP output, if LOOP or STAR connection has been performed.	LOOP1	LOOP2	LOOP3	LOOP4
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
STAR: * LOOP: O	SAFETY & SECURITY SYSTEMS			
Which LOOP outputs are being used in this installation?	LOOP1	LOOP2	LOOP3	LOOP4
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Specify the cross section of the cable for each LOOP.	LOOP1	LOOP2	LOOP3	LOOP4
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
What is the approximate length (m) of each LOOP?	LOOP1	LOOP2	LOOP3	LOOP4
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
How many points have been installed on each LOOP?	LOOP1	LOOP2	LOOP3	LOOP4
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
How many points -in total- have been installed?	<input type="checkbox"/>			
Check if all points on each LOOP have been properly mounted and INSTALLED, according to plan.	LOOP1	LOOP2	LOOP3	LOOP4
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check each LOOP and make sure there is <u>no</u> short circuit across (+) and (-) conductor.	LOOP1	LOOP2	LOOP3	LOOP4
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Check each LOOP and make sure there is <u>no</u> short circuit across cable shield and (+) and/or (-) conductor.	LOOP1 <input type="checkbox"/>	LOOP2 <input type="checkbox"/>	LOOP3 <input type="checkbox"/>	LOOP4 <input type="checkbox"/>
Place the UIDs on the LOOP CODE leaflet list that's been included.	LOOP1 <input type="checkbox"/>	LOOP2 <input type="checkbox"/>	LOOP3 <input type="checkbox"/>	LOOP4 <input type="checkbox"/>

Please perform the following checks while the panel is deactivated			OK
Batteries check. You should read between 21,5Volts and 27,5Volts across the batteries.			<input type="checkbox"/>
The batteries are connected with the correct polarity. Black lead to (-) and Red lead to (+).			<input type="checkbox"/>
Is the Ethernet adaptor GR-8530 installed?(Optional)	YES <input type="checkbox"/>	NO <input type="checkbox"/>	If yes, set the external PCB function to NONE, ACTIVE the Ethernet PCB and set the IP. Connect the Ethernet cable.
Is the Modbus adaptor BSR-1004 MODBUS installed?(Optional)	YES <input type="checkbox"/>	NO <input type="checkbox"/>	If yes, set the external PCB function to MODBUS as well as the Modbus address.
Is the printer A-200 installed?(Optional)	YES <input type="checkbox"/>	NO <input type="checkbox"/>	If yes, set the external PCB function to PRINTER.

SAFETY & SECURITY SYSTEMS

INSTALLATION DELIVERY		
All above have been checked and configured based on Olympia Electronics instructions and installation manuals.	OK <input type="checkbox"/>	Remarks: <i>for a safer world!</i>
The installation is complete based on the plan.	OK <input type="checkbox"/>	Remarks:
The installation is ready and safe working environment available for commissioning.	OK <input type="checkbox"/>	Remarks:

APPROVED BY:	
Customer Name/Signature:	Installer Name/Signature:
Date:	

Note: A commission Engineer is not obliged to complete the commissioning unless this form has been completed and verified by a site representative.