



Operating Manual

900 Hyperion Barmaster

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Introduction



To get the very best performance from Meech Hyperion bars with Integrated Power Supplies, Meech offer the Hyperion BarMaster remote programmer. This unique device is temporarily connected inline with the 24V power supply to the bar and allows adjustment of the output and of the clean-pin alert settings. Once programming is complete the BarMaster is disconnected. When it is re-powered, the Hyperion bar continues to operate at the programmed settings.

Unpacking And Inspection

Your Hyperion BarMaster was carefully packed at the factory in a container designed to protect it from accidental damage. Nevertheless, we recommend careful examination of the carton and contents for any damage.

If damage is evident, do not destroy the carton or packing material and immediately notify the carrier of a possible damage claim. Shipping claims must be made by the consignee to the delivering carrier.

Product Features

Frequency can be adjusted	Suits different operating distances
The balance can be set	Gives the most rapid static control in demanding applications or for the best balance in sensitive applications.
Cable	Supplied with 2 metres as standard
Instrument case	Safe, clean storage when not in use

Connection

Warning:- the Hyperion BarMaster can be connected while switched on, but may result in a static discharge to the operator.

Switch off the Hyperion 971 or 929 IPS bar, wait for 10 seconds before disconnecting the 4 pole M8 connector from the bar.

Attach the cable on the BarMaster to the M8 connector on the bar, and the M8 connector from the power supply to the BarMaster.

Switch on the power. The display on the BarMaster will show:

Meech Ltd	
Model–Version No	971 / 929 software No (i.e. V1.23)
Serial No	000000
Frequency	Alters the bar operating frequency from a 1hz to 20Hz in single Hz increments. This allows the bar flexibility in its range
Balance	Alters the balance of –ve ion output to +ve ion from 20%/80% to 80%/20% in 1% increments to attain the correct neutralizing output.
Feedback	Allows any feedback function to be disabled / enabled as required
Alarm	Alters the alarm trigger point from 20% to 90%(in 1% increments) of the ion reference setting.
Ion Level	Displays the current output as a % of the ion reference point.
Reset Ion Ref	Allows the bar output reference to be reset after cleaning / repositioning etc.

Controls

A toggle button with left, right, up, down and OK selection can be seen below the screen.

- To scroll through the menu use the up down function.
- To adjust Frequency, Balance, feedback, Alarm levels use left and right function
- To confirm reset Ion Ref or adjustments to the above press OK in the centre.

Disconnecting Bar Master

The memory in the bar holds the changes made when the BarMaster is disconnected. Power off the BarMaster, wait 10 seconds before disconnecting the M8 connectors from the bar and BarMaster. Reconnect the M8 connector from the power supply to the mains supply and power on.

Repairs And Warranty

The Meech 929IPS Bar is warranted by Meech Static Eliminators Ltd. to the original purchaser against defects in material and workmanship for one year after purchase. Should any malfunction occur, please return the bar directly to Meech Static Eliminators Ltd. or your local Meech Distributor. All products returned to the factory MUST be accompanied by a return authorisation number and must be shipped prepaid. For prompt service, ship the unit to the factory with the return authorisation number shown clearly on the label. Be sure that it is well packed in a sturdy carton with shock absorbing material.

Include a note stating the nature of the problem as specifically as possible, and also include instructions for returning the bar to you. We will pay one-way return shipping costs on any repairs covered under the warranty.

Technical and Construction

Dimensions (W x H)	143 x 81 x 25
Construction	ABS
Cable	2m
Input Voltage	24V
Electrical Connection	4 Pin M8 Connector

CE Approval

A CE Declaration of Conformity for this product exists in respect of the Low Voltage Directive:72/23/EEC (“LVD”) & Electromagnetic Compatibility Directive: 89/336/EEC (“EMCD”)



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