

**Aurostar Main Controller
MC-3 Aurostar system Main Controller**

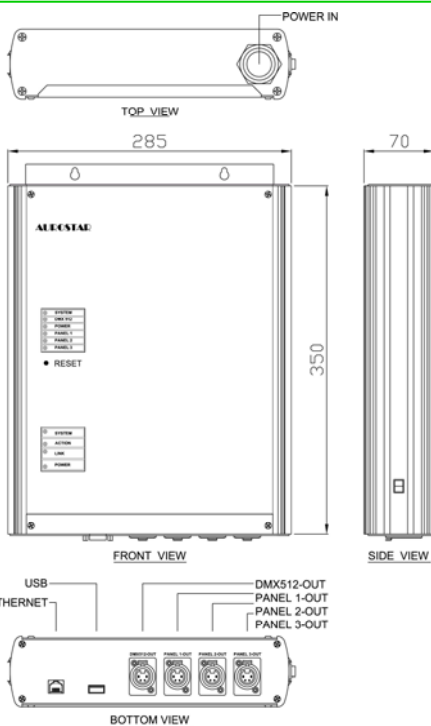
Model	Order number
MC-3	A830



**MC-3
FRONT VIEW**



BOTTOM VIEW



Aurostar is our sophisticated architectural preset lighting control system suitable for various applications like hotels, high-end residence, churches, auditoria, etc. The Main Controller MC-3 is the brain of the system which stores the system configuration and is programmable by the PC-based setup software that comes with the controller. It receives all commands from the control stations and calls

Mechanical Data

Construction	Zinc anodized steel sheet
Paint / finish	Blue epoxy-polyester powder paint
Mounting	Wall mounted by 2 x M8 screws
Top	1 x dia.33mm hole for conduit
Bottom	connectors

Electrical Data

Power input	200VAC ~ 240VAC single phase two wires plus earth, via terminals at top
Frequency	50Hz
Protection	5A Fuse
Switch	6A 250V Rocker Switch
Signal Connection	3 x 4 pin XLR female socket at bottom (for Aurostar Bus Link, connect up to 32 stations each link) 1 x 4 pin XLR female socket at bottom (for Dimmer Link, connect up to 32 dimmer cabinets) 1 x USB socket at bottom (for connecting PC programming)

Operation Data

Input signal	Aurostar Bus Link Signal input from Stations Dimmer Link (DMX512-A) signal from/to dimmer cabinets
LED Status Indicator of controller	Power, System, Aurostar Bus Link, Dimmer Link
LED Status Indicator of PC Comm	Power, System, Link, Action
PC Comm Port	USB connection to PC for programming
Memory Life	100,000 Program / Erase Cycles Minimum

Aurostar Processor Capability

Control Stations	3 x 32 stations, total 96 stations in a system
Dimmer channel	Max 512 dimmers
Area	Max 32 areas
Zone	Max 32 zones per area, max 512 zones in system Several dimmers can patch to one zone
Preset	Max 32 presets per area, max 128 presets in system
Preset Fade time	0-60 min, per sec or min increment
Sequence	Max 8 sequences in system Max 128 steps per sequence Steps can be any preset in that area
Schedule	7 daily + 4 special schedules, assignable to any date of a year
Load Type	Incandescent/ mag low volt/ fluo/ neon/ switch/ delay switch/ 3 x custom-built special load
Label	Labels for any area/ zone/ Preset/ sequence
Master OFF	For easy system wide control
Mirror Station	For room combine application
PC communication	Aurostar Setup Software, Windows-based, via USB connection
Data Backup	All data files can be backup and retrieve in PC running the Aurostar Setup Software

Environmental Data

Operation humidity	5-95% non-condensing
Operation temperature	0-40°C (32-104°F)

Standards

CE LVD directives	EN60439-1; EN60439-2; EN60950-1
CE EMC directives	EN61000-6-3 (superseded EN50081-1:1992) EN61000-6-1 (superseded EN50082-1:1997) EN55014-1; EN55015:2006+A1; IEC 61000-2-2

Physical Data

Net weight/ Gross weight	2.5 kg /3 Kg
Packing size	W490 x D405 x H200