

Web

Mountain Technologies

RUC Remote UPB Controller

Features

- Run Upstart over a LAN or the Internet
- Automatically adjusts for Daylight Saving time and leap years
- Includes an astronomical clock for sunrise and sunset programs
- Trigger events—send UPB commands or email based on receipt of a specific UPB command
- Synchronizes with online time servers for increased clock accuracy
- One Ethernet port and two serial ports
- Internal webserver—all programming done from a browser
- Tested and compliant with FCC Part 15

Benefits

- Save truck rolls, gas and time
- Trouble-shoot remotely
- Change or add scenes remotely
- Originate emails to alert owner or installer of exceptional conditions

Applications

- Remote UPB configuration and trouble-shooting
- Use the RUC as an Ethernet PIM with large scale home automation systems
- Email alerts
- Automatic shut-off of bathroom fans, closet lights etc.
- Support motion detectors, occupancy sensors etc.
- Garage door sensing and remote closure
- Outdoor and landscape lighting control
- Use a Chumby, Sony Dash, or mobile device to control your UPB network



The **RUC-01 Remote UPB Controller** is the most advanced remote UPB setup, management and trouble-shooting appliance on the market today. The RUC-01 enables you to run UPStart from your desktop so you can manage, setup, change and trouble-shoot the UPB network at your customer's home.

UPStart is and will always be the state of the art for the UPB

universe. Any other "remote access" device will have to replicate all of UPStart's setup, management, trouble-shooting and diagnostic capabilities. Every time a new UPB product hits the market, new features are added to an existing product or new diagnostic capabilities (like the recent device-to-device communication test) are invented, any competing remote access server will have to be updated accordingly. Not so with the RUC-01. Just run the latest version of UPStart on your local PC and you will be able to apply new UPStart features to any customer site that has a RUC-01 installed.

The RUC-01 implements all of the functionality of our industry-leading TIM-01 timer, so you can use this same device for outdoor lighting, Christmas lighting, making your house look lived in while you are away etc.

The RUC-01 maintains the current date, it automatically adjusts for daylight savings time and leap year, it can control events based on local sunset and sunrise and it utilizes flash memory to insure the correct operation of all functions after power outages.

The RUC-01 can also be used as an email originator. Set up various triggering links that will cause the RUC-01 to send an email to you (or your customer) to inform you of problems or issues that need to be addressed.

All programming is done from user friendly, web based screens. Various networking options are provided including DHCP or fixed IP addressing, access using DYNDNS type of services, and remote access using port forwarding.

In addition, use apps intended for a Chumby, Sony Dash, or mobile device to control your UPB network.



Specifications	
Model Name	Remote UPB Controller
Model Number	RUC-01
Packaging	Standalone unit with wall-wart power supply
Input /Output Ports	2 DB9 serial, 1 Ethernet, 1 USB (future)
Dimensions	Approximately 5 X 3.7 X 1.6 in
Net Weight	16 oz.
Color	Black
Protocol	UPB (requires a separate external UPB interface unit)
Addressing	250 network codes; 250 individual device codes
Wall wart Input / Output Voltage	120V AC +/-10%, 60 Hz / +5VDC
Certifications	FCC part 15, Class B
Operating Temperature	0° to +50° C, 30° to 120° F
Warranty	1 year



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