

IQ Micro



USER MANUAL

TMB 24/7 Technical Support

US/Canada: +1 818.794.1286 Toll Free: 1 877.862.3833 (877.TMB.DUDE) UK: +44 (0)20.8574.9739 Toll Free: 0800.652.5418 e-mail: <u>techsupport@tmb.com</u>

 Innovative, Performance-Driven Show Technology Since 1983
 tmb.com

 Los Angeles
 London
 New York
 Beijing
 Toronto

 +1 818-899-8818
 +44 (0)20-8574-9700
 +1 201-896-8600
 +86 10-8492-1587
 +1 519-538-0888

timb

Table of Contents

| 1. | Overview |
|----|---------------------------|
| | Product Overview |
| | Menu Map4 |
| | Main Menu7 |
| | DMX Port Activity |
| | DMX Port setup |
| | Node Configuration Menu11 |
| 2. | Protocol Setup12 |
| | Protocol |
| | Easy Priority13 |
| | Source Loss Action |
| | Source Loss Timeout |
| | DMX Rate14 |
| - | |
| 3. | Network Setup15 |
| | IP Address |
| | Subnet Mask |
| | Easy IP |
| | Universe Format |
| | Universe Numbering17 |
| 4. | Node Setup17 |
| | LCD/LED Brightness |
| 5 | Configuration 19 |
| J. | User Config |
| | |
| 6. | Appendix12 |
| | Remote Configuration |
| | RDM Functionality21 |
| | Limited Warranty21 |
| | Return Procedure |
| | Technical Specifications |

1. Overview



Menu Map

| Level 1 | Level 2 | Level 3 | Level 4 | Explanation | | | | |
|--------------------|--------------------|----------|----------------|--|--|--|--|--|
| DMX port 1 menu | See below | | | | | | | |
| DMX port 2 menu | See below | | | | | | | |
| | Universe | | | | | | | |
| | | VALUE | | Set the universe value (0 - 32767) | | | | |
| | | | Confirm | | | | | |
| | | | Back | | | | | |
| | Direction | | | Explanation Explanation Set the universe value (0 - 32767) DMX Port 2 direction Port 2 RDM settings Set the Art-Net priority. Set the value (0-200) Choose either Art-Net or sACN Protocol Art-Net protocol If Enabled, when two or more of the same Art-Net/ sACN universes from different sources exist on the network and are used by a ProPlex IQ output port, the console with the higher channel 512 value for each universe will have control over that universe. What the IQ Micro will do when the DMX source is lost. | | | | |
| | | | IN | | | | | |
| | | | OUT | | | | | |
| | RDM | | | Port 2 RDM settings | | | | |
| | | | Enabled | | | | | |
| | | | Disabled | | | | | |
| | Priority | | | Set the Art-Net priority. | | | | |
| | | VALUE | | Set the value (0-200) | | | | |
| | | | Confirm | | | | | |
| | | | Back | | | | | |
| Setup menu | | | | | | | | |
| | Protocol setup | Protocol | | Choose either Art-Net or sACN Protocol | | | | |
| | | | Art-Net | Art-Net protocol | | | | |
| | | | sACN | sACN protocol | | | | |
| | Easy priority | | | If Enabled, when two or more of the same Art-Net/ sACN universes from different sources exist on the network and are used by a ProPlex IQ output port, the console with the higher channel 512 value for each universe will have control over that universe. | | | | |
| | | | ON | | | | | |
| | | | OFF | | | | | |
| | Source loss action | | | What the IQ Micro will do when the DMX source is lost. | | | | |
| | | | Hold values | | | | | |
| | | | Blackout | | | | | |
| | | | Disable DMX | | | | | |

| Source loss timeout | VALUE | | Set the source loss timeout value (5 - 120 seconds) |
|------------------------|----------------------------|----------|--|
| | | Confirm | |
| | | Back | |
| DMX rate | | | Changes the refresh rate of the DMX out. |
| | | Adaptive | |
| | | 20 Hz | |
| | | 30 Hz | |
| | | 40 Hz | |
| Art-Net Idle resend | | | How often the IQ will regenerate Art-Net Packets even if no change is present. |
| | | 0.5s | |
| | | 1.0s | |
| | | 2.0s | |
| | | 4.0s | |
| Art-Net Idle resend | | | Choose the Art-Net Output protocol |
| | | Base16 | |
| | | Hex | |
| | | Decimal | |
| | | ABC | |
| Network setup | | | Set the IP address of the IQ Micro |
| | IP address | | |
| | | VALUE | |
| | Mask | | Set the subnet mask of IQ Micro (Disabled when Easy IP is Enabled) |
| | | VALUE | |
| | Easy IP | | This setting will ensure that software will search for all masks, not only for a specified subnet mask |
| | | ON / OFF | |
| Node setup | | | |
| | Info | | Information about the node |
| | LCD/ LED brightness | | Adjust LCD and LED brightness settings for your needs. |
| | | Off | |
| | | Dimmed | |
| | | Full | |
| Configuration | | | |
| | User cfg. 1 (node name) | | User configuration profile 1 |

| | Load | | Button for loading the configuration settings |
|----------|----------------------------|---------|--|
| | | Confirm | |
| | | Back | |
| | Record | | Button for recording the configuration settings |
| | | Confirm | |
| | | Back | |
| | Delete | | Button for deleting the configuration settings |
| | | Confirm | |
| | | Back | |
| | User cfg. 2 (node name) | | User configuration profile 2 |
| | Load | | Button for loading the configuration settings |
| | | Confirm | |
| | | Back | |
| | Record | | Button for recording the configuration settings |
| | | Confirm | |
| | | Back | |
| | Delete | | Button for deleting the configuration settings |
| | | Confirm | |
| | | Back | |
| Defaults | | | |
| | Port defaults | | This setting will restore port defaults |
| | Load | | |
| | | Confirm | |
| | | Back | |
| | Protocol defaults | | This setting will restore protocol defaults |
| | Load | | |
| | | Confirm | |
| | | Back | |
| | Reset all settings | | This setting will restore factory defaults (will reset ALL settings) |
| | Reset | | |
| | | Confirm | |
| | | Back | |

Main Menu Overview



| Left Side Port 1 direction (output in example) Data activity status (no data) | Right Side Port 2 direction (input) Data activity status (data input with above 50% activity) |
|---|---|
| Universe number (0) | above 50% activity) |
| RDM status (ON) | Universe number (0) |

Bottom

Node Name: (ProPlex IQ One Micro)

Node IP Address: (2.222.222.22)

DMX Port Activity LED Overview

The IQ Micro has RGBW activity LEDs at each output port.

DMX port status indicators:

- DMX port status LED is RED: There is no incoming DMX signal from the network.
- DMX port status LED is ORANGE (full power): Port is configured as a DMX output and the DMX output is active.
- DMX port status LED is ORANGE (dim): Port is configured as a DMX output and there is no active DMX output.
- DMX port status LED is BLUE (full power): Port is configured as a DMX input and DMX signal is present.
- DMX port status LED is BLUE (dim): Port is configured as a DMX input and there is no active DMX present.
- DMX port status LED is GREEN (intermittent): Port has active RDM packets.

DMX Port Setup



Using the **<UP>**, **<DOWN>**, **<LEFT>**, **<RIGHT>** buttons, select the DMX port to be changed. In the above images, the left image shows Port 2 selected and highlighted, and the right image shows Port 1 selected and highlighted.

By pressing the **<OK>** button, a DMX port setup menu will open:

| PORT 1 | |
|-----------|----------|
| Universe | |
| | ***** |
| Direction | |
| | DMX OUT |
| RDM | |
| | Disabled |
| Driority | |
| Phoney | 100 |

There are four pages of setup options: Universe, Direction, RDM, and Priority.

Universe: Selecting the "Universe" option will open the following window.



In this window, the universe number can be set (from 0 to 32767) for the selected DMX port (the example shows "Decimal" Universe Format).

Direction: By selecting "**Direction**", a new window will open:



This setting is used to change the port direction from input to output.

RDM OFF/ON: By selecting "**RDM**", a new window will open.



What is RDM?

Remote Device Management or RDM is a protocol enhancement to DMX512 that allows bi-directional communication between a lighting or system controller and attached RDM compliant devices over a standard DMX line. This protocol will allow configuration, status monitoring, and management of these devices in such a way that does not disturb the normal operation of standard DMX512 devices that do not recognize the RDM protocol, (source: www.rdmprotocol.org)

Note: RDM cannot be used when using the sACN protocol because the sACN protocol (E1.31) doesn't currently support RDM officially. Once ratified, this will be a simple software update for the IQ nodes.

Priority: By selecting "**Priority**", a new window will open:



Here port priority (0 - 200) can be set. When signal is lost for the highest priority port, the DMX signal will be taken from the port that has the next highest priority when addressed to the same universe. This is useful when two DMX sources need to be prioritized while operating as the same DMX address. When two priority levels are the same, HTP Merging will occur.

Node Configuration Menu

The Node configuration menu is used to manage properties for the entire node.



By pressing the <OK> button while the "Config" window (containing the Node Name and IP address) is selected, the configuration setup submenu will open:

| SETUP |
|----------------|
| Protocol Setup |
| Network Setup |
| Node Setup |
| Configuration |

Use the **<UP>** and **<DOWN>** buttons to choose the desired submenu.

By pressing the **<OK> or <RIGHT>** button, the selected sub-menu will open.

By pressing the **<LEFT>** button, previous menu will open.

Four pages of setup options apply: Protocol setup; Network setup; Node setup; and Configuration

2. Protocol Setup

Protocol menu overview:

| PROTOCOL |
|--|
| Protocol |
| sACN |
| Easy priority On |
| Source loss action Disable DMX after 5s |
| Source loss timeout 5s |
| DMX rate |
| Adaptive |
| ArtNet Idle resend |
| DMX rate Adaptive |

Protocol: By pressing the "Protocol" button, a new window will open



Select Art-Net or sACN (e1.31).

Easy priority: By selecting "Easy priority", a new window will open.



Easy Priority can be **ON** or **OFF**.

What is Easy Priority?

When easy priority is ON, and two or more of the same Art-Net/sACN universes from different sources exist on the network and are used by a ProPlex IQ output port, the source with the higher channel 512 value for that universe will have control over that universe

Source loss action: By selecting "Source loss action", a new window will open.



When the "**Hold values**" setting is selected after the DMX source is lost, the IQ Micro holds the last DMX values it recieved and continues to output these values until incoming DMX has been restored.

When the "**Blackout**" setting is selected after the DMX source is lost, all DMX values will change to value to 0 and will be held at this value until an incoming DMX source is restored.

When the "**Stop DMX**" setting is selected after the DMX source is lost, the IQ Micro will stop outputting DMX. When the DMX source is restored, the IQ Micro will continue outputting the DMX source.

Source loss timeout: By selecting "Source loss timeout", a new window will open.



This setting determines how long the IQ Micro will wait before using the **Source Loss** setting. This time is set in seconds. (5-120). Once the source loss timeout threshold has been reached, the IQ Micro will revert to the Source Loss timeout setting.

DMX Rate: By selecting "DMX rate", a new window will open.

| DMX rate | |
|------------|--|
| 🗸 Adaptive | |
| 20 Hz | |
| 30 Hz | |
| 40 Hz | |
| | |
| | |
| | |

Select one of four options for DMX out refresh rate: Adaptive, 20Hz, 30Hz, 40Hz.

The DMX refresh rate setting controls how many times per second the IQ Micro outputs DMX over the 5-pin XLR connectors. Some DMX devices work better using different refresh rate settings.

In the cases of high-speed devices like LED walls and displays, using the "Adaptive" option can improve response time by matching the incoming refresh rate of DMX derived from the source. The setting can be referred to as "High Speed Video Adaptive mode." Adaptive mode matches the refresh rate of the DMX source with the DMX output. *Note: Some devices may not perform well with this setting as the refresh rate may exceed their ability to process the information.*

3. Network Setup

IP Address: By selecting the "**IP setup**" option, a new window will open.



The IP address can be changed for the IQ Micro.

Subnet Mask: By selecting the "Subnet mask" option, a new window will open.



The Subnet mask of the IQ Micro can be changed. To change the assigned Subnet mask, replace the current network Subnet mask with the desired network Subnet mask. *Note: When Easy IP setting is "ON", Subnet mask settings cannot be changed.*

Easy IP: By selecting "Easy IP", a new window will open.



This setting ensures that the IQ Micro searches all masks, not only within the specified Subnet.

When the Easy IP setting is turned ON, the Subnet mask cannot be changed.

Easy IP is very useful for most networking situations where subnet filtering isn't required. The IQ Micro automatically finds and outputs Art-Net and sACN information regardless of IP or Subnet Mask settings. Turning off Easy IP is useful when using subnet filtering to help separate different areas of a LAN when used in conjunction with a managed switch based network. An example of this would be multiple TV studios having independent networks all attached to one console.

Universe format: By selecting "Universe format", a new window will open.



In this window the universe format can be selected. By default, the universe format is set to Hex (hexadecimal) but can be changed to Base 16 incremental decimal counting system or alphanumeric counting system.

Universe Numbering Order Visualized

HEX

- Art-Net (0, 0.0.1 0.0.9, 0.0.A 0.0.F, 0.1.0 0.1.F F.F.F)
- sACN (0.0.1-0.0.9, 0.0.A 0.0.F, 0.1.0 F.F.F)

BASE16

- Art-Net (0, 0.0.1 0.0.15, 0.1.0 0.1.15... 127.15.15)
- sACN (0.0.1 0.0.15, 0.1.0 0.1.15... 127.15.15)

Decimal

- Art-Net (0 32767)
- sACN (1 32767)

ABC (Alphanumeric)

- Art-Net (0, A Z, AA AZ, BA... AVLG)
- sACN (A Z, AA AZ, BA... AVLG)

4. Node Setup



Info: By selecting "Info", a new window will open.



The node information is found in this window.

LCD/ LED Brightness: By selecting "LCD/ LED Brightness", a new window will open.



Select one of three settings: OFF, Dimmed, and Full

5. Configuration

| CONFIGURATION |
|---------------|
| User config 1 |
| User config 2 |
| Defaults |

The configuration menu is used to save and load User Configurations, load system defaults, and reset system settings.

User config: By selecting "User config 1" or "User config 2" options, a new window will open.



Three options are availble:

Record will record all the current configuration settings on the device. **Load** will load the saved configuration settings recorded with "**Record**" button. **Delete** will delete the recorded setting.

When the "Load", "Record" or "Delete" button is pressed, a confirmation window will appear. Pressing the " \checkmark " button will confirm the selection, and the "X" button will return to the previous menu.

Port defaults will reset all DMX port related settings.

Protocol defaults will reset all protocol related settings (sACN/ Art-Net settings).

Reset all settings will reset all settings and restart the system.

After pressing the Load/ Reset button, confirmation window will appear. Pressing "OK" will confirm the choice, "X" will return to the previous screen.

6. Appendix

Remote Configuration and Monitoring of IQ Nodes

ProPlex IQ Ethernet to DMX nodes can be configured and monitored via two methods: ProPlex IQ RDM Manager software and via a web browser.

The ProPlex IQ RDM Manager software is available as a free PC download from <u>www.tmb.com</u>. This software includes a full suite of configuration and monitoring features, and makes managing multiple nodes on a network extremely easy. The Software also includes a RDM management suite for devices connected the IQ nodes or via a ProPlex RDMigo Cable.

| B TrafficalQ Manager 2,41.01 | | | | | | | | | | | (a) (c) | 10.30 | | | | |
|--|--|--|--------------------------|--|---|---|---------------------------|--|--|--|---|-------------|-------|-------------------|-----------------|------------------------------|
| the full steeps | 5 (m) | | | | | | | | | | | | | | | |
| a tata te |) (m | | | | | | | | | | | | | | | |
| deat or Money () | Papet (odce (1) | | | | | | | | | | | | | | | |
| Profilec NAC Ashinar Persona sensare Nara Nara | 118 118 118 | VADEL (PONS): | 25123 | General General Non With With | 2 1 54 54 21 54 38 10 | Cut Cut Cut Cut Cit Cut Cit Cut | | | | Autoricistic Andorrowyky Zerody aktivni magag | As her Dissed Dissed | 3 | | | | |
| FuePers 10 Day RACA devear Provide house Neder Name | PuPler 3, Our 8204 0094 8293 820 3,87 / 3,55 Perflect3, Dra | V Address (primality) V Address (primality) V Mone | 21123 23135 390222 | Lowers Geodore RCM 14Ch printly | Aut Aut 3 3 00 00 00 00 20 00 | 2 Avr 2 Avr 2 | Aur 5 4 04 01 | Part 5. 5 0 00 0 00 0 129 2 | 47 Aurit 6 7 61 Ou 97 On 87 On 80 U.C | Protocol search Art Bay recrying / prior by eXCIDE OTP manylog | Astat Durved Decent | | | | | |
| Dens (00) NUCLEARES (Printed stream) Out Nove- | Patric R (0020000000) 0316/2309000 033 033 0440-000 | Rdatter (alway) RNes | | Listerer, Dreiten 95M oVCN proste | 1953 195 54 04 54 04 38 06 | Ant L Ant L Col Tal Col Tal Col Tal State Tal State Tal State Tal | 041 041 041 041 | Port Vo 1 1 100 2 | d b Fayel d Dat d Dat d Co k K0 | Administr Administr | Date of the second s | | | | | |
| | | | | Universit Glantina WDH Safektyr | Auti Aut dat dat Da Ma | Aurit Auri | Avr M Dre Cn 113 | Ann N. An Ann N. An Ann M. An Ann M. An Ann M. Ann | n S. Aurik In Str I Str I Str | | | | | | | |
| | | | | W Parter | able Menage () | 2021 | | | | | | | | | | 0.04 |
| | | | | | | | | | | | | | | | | |
| | | | |) W | 19. | 2 / 2 | show! | 1010 | | | | | | | | |
| | | | | 2,004 | by prevention of | terne hours | R .) | | | | | | | | Selectracito | |
| | | | | Deckara | | Restrator. | Bat | hqui | Incesky | Incodyneque. | Mondistern | Make | feren | Farmer | Address 2 Pinds | Bearbols Logitals Tanlpooles |
| | | | | | 5470 | DePletty. | | | 2.45 | f-therei | - | Sett. | | the 15 | TRACK SPORT | 24 |
| | | | | - 1 | 144 | PetterD | | | 244 | Arberry' | INTERNA | week! | | Sec. | THE ASSAULT | 54 |
| | | | | +2 | | | | | | | | | | | Hende Simon | 54 |
| | | | | 1 | (Koal) | Denne-HDA | | -90 | tare. | Ctole | III.W | VICTOR | 1 | DAUR | No hor | |
| | | In control | | - | Neart 11 | Dene-UM | 1 1 | 127 | 245 | Sta 4 pe | IN'S | | 1 | Van 18 | Feety et. | |
| 7 (***) | N 🔮 🗒 | | | | SAID | Politics Traffic 12 | | 11 | 31.923 | Riber and Back | THE SOLUE | Herek, MUTH | 1 | 1003.80 104.40 | | |
| | | | | | | | | | | | | | | | -we sete | A |
| | | | | | | | | | | | | | | | | |
| | | | | | - | 1 07 | A | wi T | - | | 6 | | - | | | |

ProPlex IQ Ethernet to DMX nodes can also be remotely configured via their onboard webserver. Using a PC or Mac internet browser, connect to individual IQ nodes by typing their IP address into the internet address bar.

For more information on the ProPlex IQ RDM Manager software, RDMigo Cable, and other ProPlex IQ series products, please visit <u>www.tmb.com</u>.

| ProPlex | IQ | Two | 410 | 5 | | |
|---|-----------------------|-----------------------------|--------------|-------------------|--------------|-----------------------|
| Status | NAME: | | | | | |
| Node setup Port routing Protocol setup | ProPle | < IQ Two 416 | | | | |
| Configurations Firmware upgrade | 2.1 | р: .1.22 | Mas 255.(| ik: 0.0.0 | 3A:1F:34 | AC: 4:08:54:52 |
| | PORT ROL | JTING: | | | | |
| | | Direction | Bara16 | Universe | Decimal | RDM |
| | Port A | OUT | 0:0:0 | 0:0:0 | 0 | ON |
| | Port B | OUT | 0:0:1 | 0:0:1 | 1 | ON |
| | Port C | OUT | 0:0:2 | 0:0:2 | 2 | ON |
| | Port D | OUT | 0:0:3 | 0:0:3 | 3 | ON |
| THB 24/7 Tech Support Hotline - Toll free US/Canada: 1.877.THB.DUDE (1.877.602.3833) | PROTOCO | L | | | | |
| - Toll free UK: 0800.652.5418 - International: +1 818.794.1286 | Pro | tocol: t-Net | Easy p | priority: DFF | Art-Net idle | e resend time: 0 S |
| - Email: <u>techsoport@tmb.com</u> Copyright © <u>THB</u> | Action on Blackout | source loss: after: 10 S | DMX Ada | : rate: aptive | Ea | sy IP: OFF |
| | FIRMWAR | E VERSION: | | | | |

RDM Functionality

Flare IQ Micro is equipped with RDM Functionality. Below are the RDM functions available in these devices. TMB has many options for RDM control of your devices: ProPlex RDMigo and IQ RDM Manager Software; ProPlex Striker; and ProPlex MasterFade. Additionally, ProPlex RDM Opto-Splitters and the ProPlex IQ product range offer many means of RDM over DMX data distribution.

| Main | Sensor Count | Patch |
|---------|---------------|----------------------------|
| Name | Present value | Protocol selection |
| Address | Lowest value | Easy Priority |
| | Highest value | Art-Net configuration mode |
| | | DMX refresh setup |
| | | Port configuration |

Limited Warranty

ProPlex Data Distribution Devices are warranted by TMB against defective materials or workmanship for a period of two (2) years from the date of original sale by TMB.

TMB's warranty shall be restricted to the repair or replacement of any part that proves to be defective and for which a claim is submitted to TMB before the expiration of the applicable warranty periods.

This Limited Warranty is void if the defects of the Product are the result of:

- Opening the casing, repair, or adjustment by anyone other than TMB or persons specifically authorized by TMB
- Accident, physical abuse, mishandling, or misapplication of the product.
- Damage due to lightning, earthquake, flood, terrorism, war, or act of God.

TMB will not assume responsibility for any labor expended, or materials used, to replace and/or repair the Product without TMB's prior written authorization. Any repair of the Product in the field, and any associated labor charges, must be authorized in advance by TMB. Freight costs on warranty repairs are split 50/50: Customer pays to ship defective product to TMB; TMB pays to ship repaired product, ground freight, back to Customer.

This warranty does not cover consequential damages or costs of any kind.

A Return Merchandise Authorization (RMA) Number must be obtained from TMB prior to return of any defective merchandise for warranty or non-warranty repair. For all repairs please contact TMB Tech Support Repair using the contact information below or email TechSupportRepairNA@tmb.com.

<u>US</u> 527 Park Ave. San Fernando, CA 91340 Tel: +1 818.899.8818 Fax: +1 818.899.8813 tmb-info@tmb.com www.tmb.com <u>UK</u> 21 Armstrong Way Southall, UB2 4SD England Tel: +44 (0)20.8574.9700 Fax: +44 (0)20.8574.9701 tmb-info@tmb.com www.tmb.com

Return Procedure

Please send returned merchandise prepaid and in the original packing. Freight call tags will not be issued for shipping the product to TMB, but TMB will pay the freight for return to the customer. Clearly label package with a Return Merchandise Authorization Number (RMA #). Products returned without an RMA # will delay service. Please contact TMB and request an RMA # prior to shipping the unit. Be prepared to provide the model number, serial number, and a brief description of the cause for the return. Be sure to properly pack the unit; any shipping damage resulting from inadequate packaging is the customer's responsibility. TMB reserves the right to use its own discretion to repair or replace product(s). Proper UPS packing or double-boxing will better ensure product integrity when shipped.

Note: If you are given an RMA #, please include the following information on a piece of paper inside the box:

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) The RMA #
- 5) A brief description of the symptoms

ProPlex IQ Micro – Technical Specifications

| Technical Specifications | | |
|--------------------------------------|--|--|
| Part Number | PPIQC215MCD | |
| Ethernet Ports | 1 | |
| DMX Ports | 2 | |
| DMX Connectors | Neutrik XLR5 Female (NC5FAV) | |
| DMX Port Isolation | Optical, up to 1000 V | |
| Ethernet Connector | Neutrik EtherCON RJ45 | |
| Ethernet Type | 10/100 Base-T | |
| Network Protocols | ArtNet, sACN (E1.31) | |
| Additional Features | RDM; HTP merging; easy priority; sACN priority | |
| Power | 24/48 VDC (PoE In) | |
| Power Consumption | 2.5 W | |
| Cooling | Convection | |
| Operating Temp. | -20 to +40 °C | |
| Operating Humidity | 10-85% | |
| Unit Dimensions w/Plate (WxHxD) | 5.7 x 3.34 x 2 in (146 x 84.9 x 51 mm) | |
| Unit Dimensions w/o Plate (WxHxD) | 4.9 x 3.34 x 1.875 in (124.6 x 84.9 x 47.6 mm) | |
| Unit Weight (unpacked) | 14.5 oz. (0.4 kg) | |
| Packed Dimensions (WxHxD) | TBD | |
| Shipping Weight | TBD | |





