

Bella

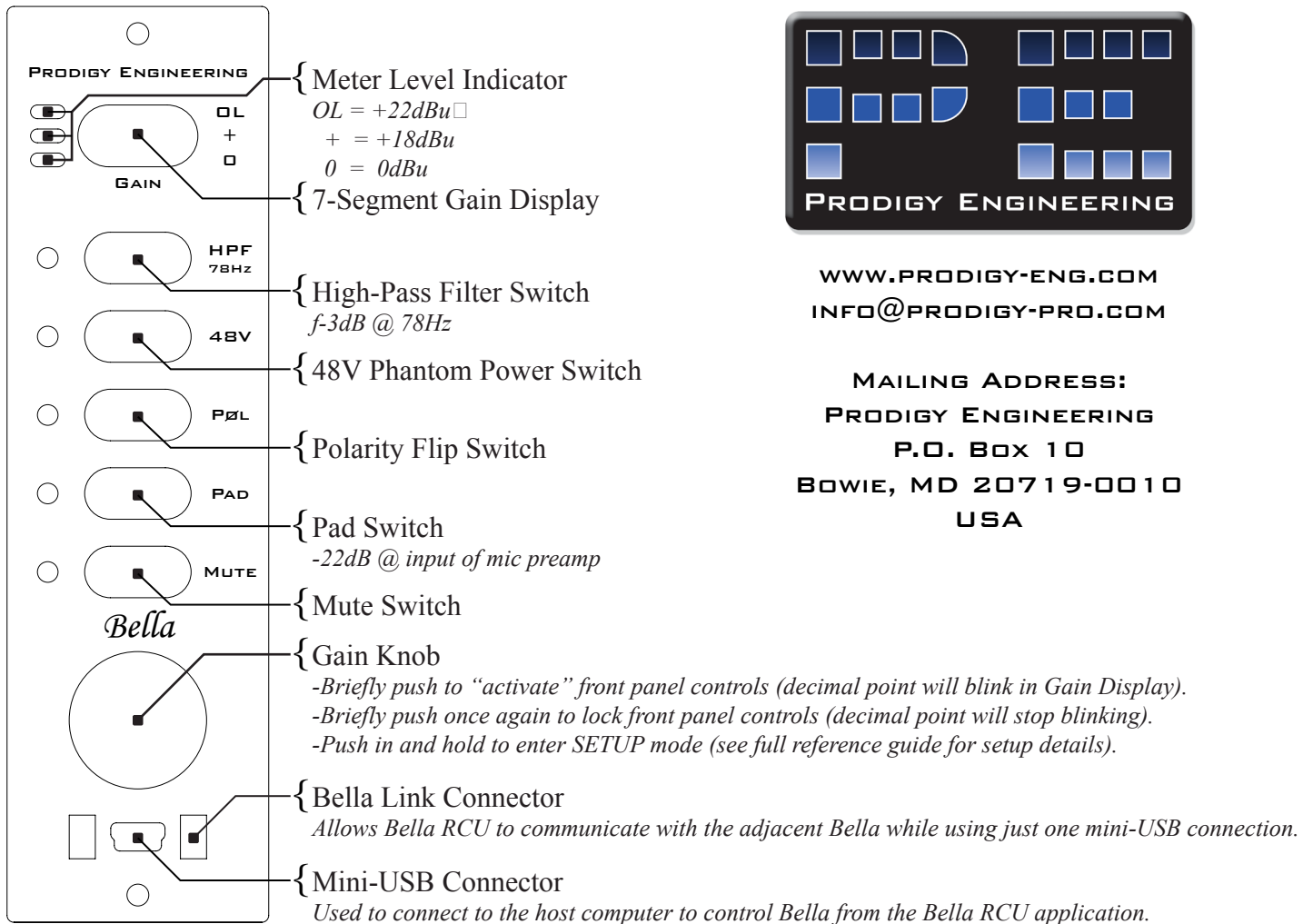
QUICK START GUIDE

1) POWER DOWN YOUR 500-SERIES RACK BEFORE INSTALLING *Bella*.

2) CAREFULLY SLIDE THE BELLA MODULE INTO AN EMPTY SLOT IN AN APPROVED 500-SERIES RACK AND SECURE IN PLACE USING THE 2 INCLUDED SCREWS. FOR THE MOST UP-TO-DATE LIST OF APPROVED 500-SERIES RACKS VISIT: WWW.PRODIGY-ENG.COM/SUPPORT.HTML

3) POWER UP YOUR 500-SERIES RACK AND ENJOY!

!!) DON'T FORGET TO READ THE WARRANTY CARD AND REGISTER ONLINE.



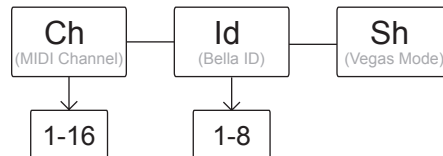
.:REMOTE SOFTWARE CONTROL.:

Bella is controllable from its own proprietary user interface as well as Pro Tools HD (and compatible control surfaces like the ICON D-Command® & D-Control®) via MIDI as if it were the Avid PRE®.

The only adjustments that may need to be made on the Bella are to MIDI Channel (Ch) and Bella ID (Id). By default, Bella is ready for MIDI control or RCU control and is set to: MIDI Channel: 1, Bella ID: 1

To modify either control setting enter the Setup Menu by pressing inward on the rotary encoder and hold until the numeric display shows, “Ch”

The setup menu is organized as follows:



Moving from Ch / Id / Sh is accomplished by rotating the encoder.

To change the MIDI channel or Bella ID, briefly press inward on the encoder while in the setup menu.

Once the desired changes to MIDI channel or Bella ID have been made, press and hold the encoder to confirm the change. After the change is saved, Bella will automatically exit from the setup menu.

Bella RCU Software Setup (If using just 1 Bella skip steps 1-4):

- 1) Download the latest version of the RCU software from the download section at: www.prodigy-eng.com/products.html (Do not open the application yet).
- 2) Set Bella Id sequentially from left to right (1-8) such that the first Bella is assigned Id #1, and the next Bella is #2, then #3, and so on.
- 3) Turn OFF power to the rack.
- 4) Insert the “Bella Link” jumper as shown >
- 5) Turn ON power to the rack.
- 6) Using the supplied mini-USB cable, connect the appropriate end into the first Bella (ID 1) and the other end into the USB port on the computer (or hub).
- 7) Launch Bella RCU software. Bella(s) should now be controllable from the Bella RCU.



Pro Tools Control Setup:

- 1) Follow steps 2-6 above (If using just 1 Bella, connect the mini-USB cable and start with step 2 below).
- 2) Launch Pro Tools® and create a new session or open an existing session.
- 3) Setup the Bella as a Peripheral in Pro Tools (Pro Tools menu: Setup > Peripherals)
 - a) Open The Peripherals Menu under Setup > Peripherals
 - b) Click on the Mic Preamps tab at the top of the window
 - c) Set the following parameters for Mic Preamp #1 (at the top of the window)
 - Type = PRE
 - Receive From & Send To = MIDI Channel selected on Bella
 - d) Click “OK” to exit the Peripherals Menu
- 4) Assign the Bella in I/O Setup in Pro Tools (Pro Tools menu: Setup > I/O)
 - a) Open the I/O Setup Window under Setup > I/O
 - b) Click on the Mic Preamps tab at the top of the window
 - c) Click in the white area next to PRE #1 and below your interface inputs to assign “PRE #1” to the audio interface inputs they are connect to.
 - *clicking once on a white box assigns 8 Mic Preamps channels to 8 inputs.
 - d) Click “OK in the I/O Setup Window.

(Proceed to the next page...)

:PRO TOOLS CONTROL SETUP CONTINUED:.

- 5) Power-cycle the Bella(s)
 - a) Power-down your lunchbox (or other approved 500-series rack)
 - b) Wait for the Pro Tools Dialog “Pro Tools is unable to communicate with PRE #1...” to appear.
 - c) Power-up your lunchbox and press ‘OK’ on the dialog box.

- 6) You’re all set! Now tracks that you create that have inputs assigned for your Bella in the I/O Setup Window will have controls available in the Mic Preamps view in both the Mix and Edit Windows.

For additional help view the
setup tutorial video online:
WWW.PRODIGY-ENG.COM/SUPPORT.HTML

.:TECHNICAL SPECIFICATIONS:.

Gain:

18 – 60dB in 1dB steps

Bandwidth:

5Hz to >200kHz

Frequency Response (@ 18dB gain, 150Ω Source, 600Ω Load):

+/- 0.2dB from 10Hz - 24kHz

+/- 0.5 dB from 10Hz - 90kHz

Total Harmonic Distortion + Noise (@ 18dB Gain, 1kHz 0dBu signal, 150Ω Source, 100kΩ Load):

0.001%

Slew Rate:

+/- 20V/uS

Common Mode Rejection Ratio:

96dB @ 60Hz

Absolute phase deviation (@1kHz):

<0.25 degrees

Input Impedance:

1760Ω

Output Impedance:

82Ω

Power Consumption:

+16V = 130mA Max

-16V = 130mA Max

+48V = 5mA Max

Weight:

Bella: 1.85lbs

Total shipping weight for 1 Bella with retail packaging: 3lbs

::LIMITED WARRANTY::

- 1) Prodigy Group, LLC (Prodigy Engineering) warrants this product to be free of defects in workmanship for a period of 2 years from date of purchase.
- 2) During this warranty period, Prodigy Engineering will repair or replace (at its sole discretion) any failure due to defects in workmanship or defective components.
- 3) Customer must register the product within 10 days of purchase (from the date on receipt) to validate this warranty. Register online at: WWW.PRODIGY-ENG.COM/SUPPORT.HTML
Unregistered owners requesting warranty service may be denied unless a dated receipt can be produced.
- 4) This warranty excludes the following conditions:
 - a. Damage caused by misuse or obvious physical abuse
 - b. Cosmetic blemishes
 - c. Damage resulting from shipping
 - d. Normal wear-and-tear
 - e. Damage resulting from unauthorized disassembly, modification and/or repair.
- 5) Under no circumstances will Prodigy Engineering be held liable for lost profits that result from malfunction or damage.
- 6) Warranty will become VOID if the product is disassembled/modified by any party that does not have direct written authorization from Prodigy Engineering.
- 7) Customer is responsible for all shipping costs to deliver the product to Prodigy Engineering for warranty service. Accordingly, Prodigy Engineering will pay for return shipping.

TO OBTAIN WARRANTY SERVICE

If the customer suspects that warranty repair service may be required, contact Prodigy Engineering immediately to receive further instruction on how to proceed. Do not attempt to return any merchandise before contacting Prodigy Engineering.

THE WARRANTY SET FORTH ABOVE IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, REMEDIES AND CONDITIONS, WHETHER ORAL OR WRITTEN, EXPRESS OR IMPLIED. PRODIGY ENGINEERING DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IF PRODIGY ENGINEERING CANNOT LAWFULLY DISCLAIM IMPLIED WARRANTIES UNDER THIS LIMITED WARRANTY, ALL SUCH WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY. NO PRODIGY ENGINEERING RESELLER, AGENT, OR EMPLOYEE IS AUTHORIZED TO MAKE ANY MODIFICATION, EXTENSION, OR ADDITION TO THIS WARRANTY.

Before contacting Prodigy Engineering for service, please have the following information ready:

Date of Purchase: _____

Dealer: _____

Product Name: _____

Serial Number: _____