Product Release

HIGH PERFORMANCE

HF RECEIVING SYSTEMS & COMPONENTS

www.hizantennas.com

OUR GOAL - Innovating and Improving the Science of Receiving Systems.

Greetings from Hi-Z antennas™,

Subject: Hi-Z Antennas™ Status of Hi-Z Antennas™ – January 2020

Our commitment has been to innovate and push the receiving technology barriers. We have a number of new products in the pipe. What follows is our next new release. More innovation is coming.

New product announcement.

Modernizing the construction and Performance
Of the Hi-Z 75 Ohm RF Preamp

Hi-Z Antennas™ *HIZ-PREAMP-75-V2*

17 dB gain for any Hi-Z or other Antennas & Arrays

The front view size is 2 7/8 X 2 1/4 inches Depth is 2 1/8 inches including input and output connectors. Total replacement for all standard Hi-Z 75 Ohm Preamps

Model:
HIZ-PREAMP-75-V2

Specifications:

- **Works with any Hi-Z receiving ARRAY that needs more amplification**
- **Features an internal relay that bypasses the Preamp when power is removed**
- **Features a metal shielded design for RF tightness**
- **Features a nominal 75 ohm input impedance matching most RX array components**
- **Features an RF useful bandwidth of 30 MHz (-3dB at 28 MHz)**
- **Features modern surface mount technology for all components**
- **Features modern highly linear GHz capable components for maximum performance**
- **Features typical Ham shack operating voltage of +13.8 VDC (11 to 14 VDC) at 60 ma.**
- **Features MOV overvoltage protection**
- **Features an output port TVS transient protection component**
- **Features output level clipping at 8 V P-P for approximately 100 mw maximum output.**
- **Features 2nd and 3rd order IMD 10 dB better than the old Hi-Z 75 ohm preamp.**
- **Features 17 dB of gain and a low Noise figure of approximately 3 dB.**

More information is available soon at
www.hizantennas.com or e-mail contact@hizantennas.com
As always Hi-Z products are only available through DX Engineering At
www.dxengineering.com

Hi-Z Service Department

We do maintain a service area where we try to provide very rapid turn around of repairs. Typically we can return repaired equipment within a few business days. Our GOAL is to keep your array uptime maximized. All repairs are returned as designed and thoroughly tested to meet our advanced internal specifications. Email: contact@hizantennas.com

Hi-Z Receiving Array Discussion Reflector – Is Live

You can read the archives here at:
http://mail.hizantennas.com/pipermail/hi-zreceivingarraydiscussions_hizantennas.com/
The E-mail address to send a message to the reflector is:
hi-zreceivingarraydiscussions@hizantennas.com (you must join the group first)
The web page address to join the group is:
http://mail.hizantennas.com/mailman/listinfo/hi-zreceivingarraydiscussions_hizantennas.com

We continue to look for new product ideas and where best to get product ideas, our customers! Please let us know if you have any product needs or new product ideas. Thank you to those that have shared their ideas with us.
Any questions or inquiries please e-mail us at contact@hizantennas.com .

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