

You Can Send  
**DMX512 WithOut Wires**  
Using 802.3b Ethernet Techniques

In 1995 Goddard Design was the first company to design and manufacture a wireless DMX512 system. **DMX WithOut Wires™** was designed for those special situations where a DMX cable wasn't practical.

The system combined Goddard Design's proprietary DMX data compression and error checking software with the high reliability and noise immunity of spread spectrum wireless techniques.

Unfortunately our system and those from other manufacturers that followed us were just too expensive to be practical in all but a few specific applications.

It is with great pleasure that Goddard Design can now offer two new approaches to wireless DMX512 that are even more useful - and much cheaper!



**The WOW is dead! Long live the O-WOW and the DMX-Link WOW!**

The first product is the O-WOW, a short range infrared wireless system. It provides for full speed transmission of multi-start code DMX512 over the range of 10 mm to 15 meters. It is less expensive than radio systems. It can be used in environments where the radio bandwidth is already crowded. It allows for easy insulation of multiple systems working in proximity to each other. It can be thought of as a non-contact DMX connector. Please see our O-WOW data sheet for more information.

The second product is really just another application for our **DMX-Link** line of DMX to Art-Net convertor products. In fact you don't have to buy any additional Goddard Design equipment.

Our **DMX-Link** products speak 10baseT Ethernet. Today to fill the needs for wireless computing the computer companies have developed a wide range of IEEE802.3b wireless Ethernet hardware. As with most things in the consumer computer market, the price of this equipment has decreased tremendously.

To construct a wireless system all you need to do is connect one of our **DMX-Link Encoder2's** to a properly selected wireless bridge and connect one of our **DMX-Link Decoder2's** to another wireless bridge. This wireless system will provide for two complete universes of DMX 512, selectable from 255 possible universes. Need more universes? You may connect larger **DMX-Link** systems to either side of the wireless bridge. Need a bidirectional system? Easy - just place encoders and decoders on each bridge. The system works just like a standard **DMX-Link** system except one network segment is invisible.

What do we mean by properly selected wireless hardware? Not every wireless access point from Computers-R-Us will work.

What does Goddard Design offer?

- 1) We sell you the **DMX-Link** parts to make it all possible.
- 2) We provide a free (yes, really) technical guide on selecting the proper wireless bits.
- 3) We will maintain a short list of hardware we have seen work.
- 4) And if you feel you must pay us, we will set up and check out your hardware for a fee.

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