

# Product Review

## *Digital Micro Demodulator*

*Input: 1x 8VSB/QAM*

*Output: 1x AV Composite*

MODEL  
MDDM

STOCK  
6273

Rev: 100223-05

© 2010 Blonder Tongue Laboratories, Inc. All rights reserved. Specifications and features are subject to change without notice. Trademarks are the property of their respective owner.



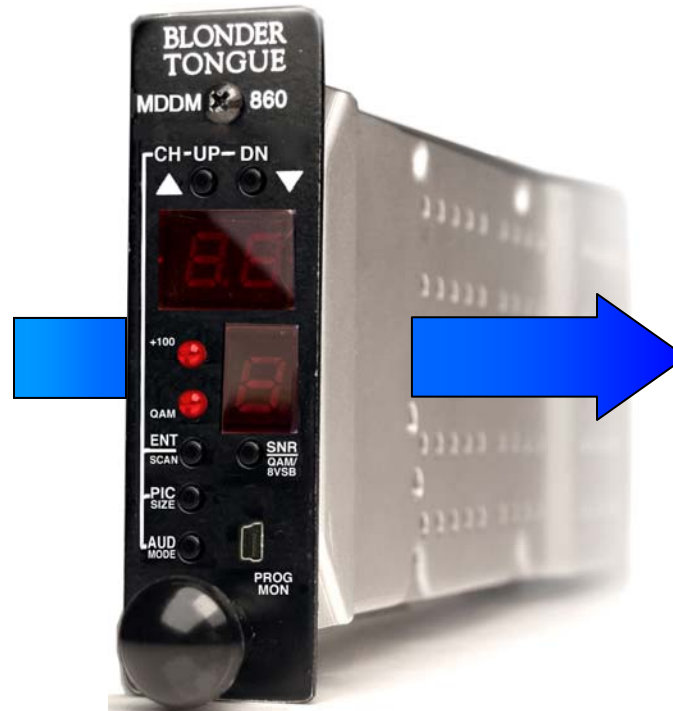
**BLONDER  
TONGUE**  
LABORATORIES, INC.  
One Jake Brown Road, P.O. Box 1000  
Old Bridge, NJ 08857-1000 USA



# MDDM

The **MDDM (Micro Digital Demodulator)** accepts one input in 8VSB (digital off-air) or QAM 64/256 (Digital Cable) format, and delivers one output in NTSC composite video & analog L/R format.

(digital off-air) **8VSB**  
OR  
(digital cable) **QAM**

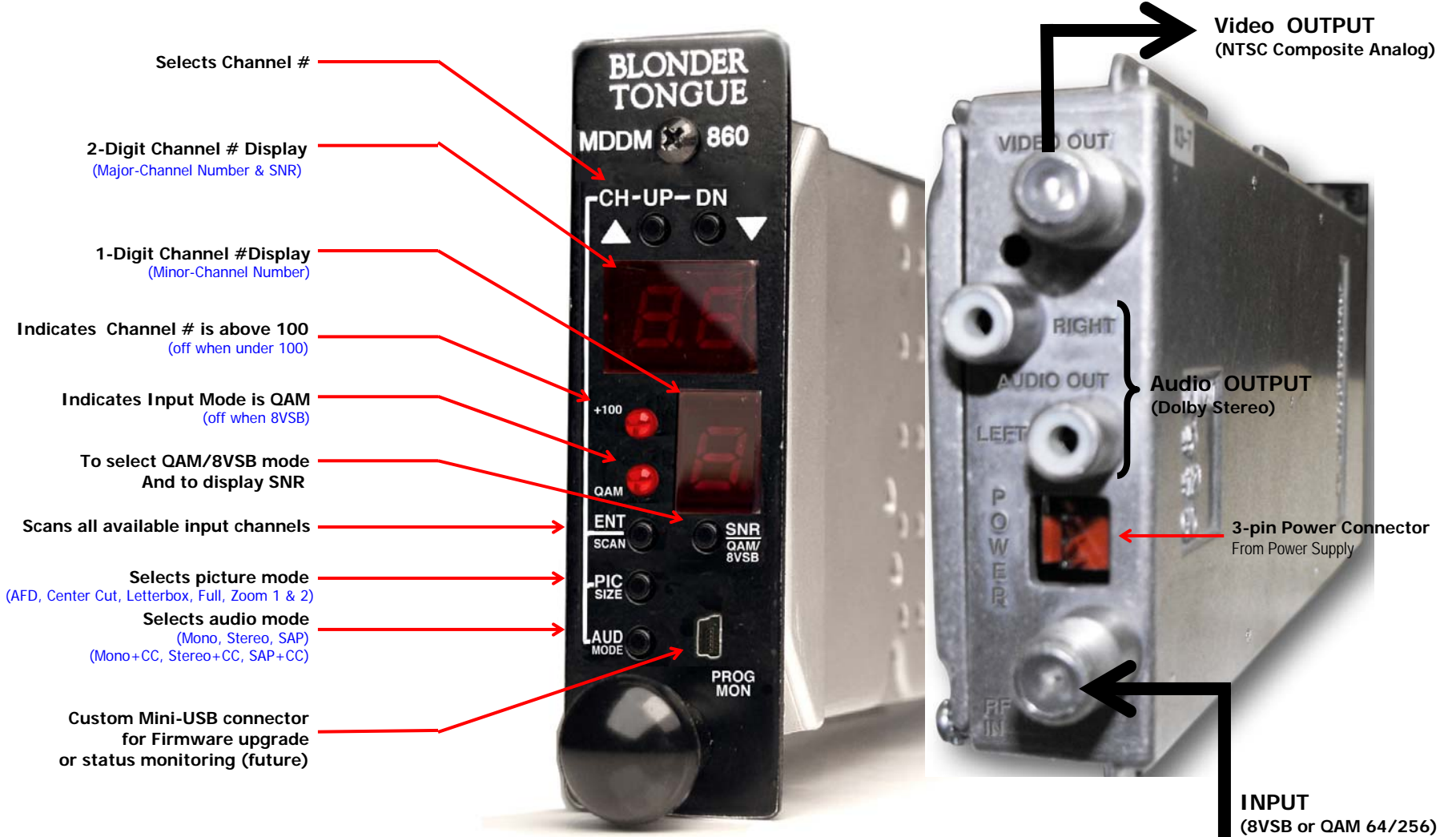


**NTSC Composite Video**  
**Analog L/R Audio**

Video Format = 480i  
Stereo Audio = Dolby Compliant



# Front- & Rear-Panel Detail





# Typical Applications

- **Allowing analog TVs to receive off-air digital broadcasts.**

Per FCC mandate, since June 12, 2009 all full-power off-air broadcasts in the US are in 8VSB format (digital) only, therefore, analog TVs will not be able to receive off-air programs (i.e. ABC, CBS, NBC, ....) unless the 8VSB signal is converted to analog.

- **Cherry-picking channels from a “clear” QAM cable lineup.**

- **Simultaneous transmission of analog and digital services, such as in educational, hospitality, healthcare & correctional facilities.**

- **One-to-one replacement, i.e. using the existing rack configuration, for our MIDM series ([Micro Demodulator, stock 7740C](#)) but capable of demodulating digital input signals (as opposed to MIDM’s analog input).**

- **Similar in functionality to our AQD series ([8VSB/QAM demodulator, stock 6245](#)) at a lower cost and smaller foot-print, but without remote monitoring and control capabilities.**



# Typical Configuration (6-channel Demod-Remod)

Demodulate up to six (6) 8VSB/QAM channels and modulate them into analog RF in 2RU space.





# Ordering & Contact Information

<b>Model</b>	<b>Stock</b>	<b>Description</b>
<b>MDDM-860</b>	<b>6273</b>	Micro Digital ATSC/QAM Demodulator
<b>MIRC-12V</b>	<b>7715</b>	Rack Chassis (holds up to 12 modules in 2 RU)
<b>MIPS-12C</b>	<b>7722C</b>	110 VAC/60Hz Power Supply (one per chassis)

## Sales Representatives

### **Vice President - North America Sales**

Jeff Smith                      jsmith@blondertongue.com      |    512-238-6973 ; 732-491-5657 (mobile)

### **USA - Western Region**

Eric Godleski                  egodleski@blondertongue.com    |    800-523-6049 ext 4376

### **USA - Eastern Region**

Tom Lowden                    tlowden@blondertongue.com      |    800-523-6049 ext 4375

**Customer Service**    btorder@blondertongue.com      |    800-523-6049 exts 4220 & 4320

**Outside the USA**      btglobalsales@blondertongue.com



**BLONDER  
TONGUE**  
LABORATORIES, INC.

THINK FORWARD. WE DO.