

## BELAR ORDERING INFORMATION

END USER INFORMATION (CALL LETTERS, COMPANY, Etc. & LOCATION) IS REQUIRED WITH ALL ORDERS

*Please Contact Arno Meyer with any questions.*

### *FMMA-1 Wizard*

**ORDER OPTION 01**, When source of wideband composite, such as that from a monitor, is not available.

- **ORDER OPTION 02** (Down Converter/AM Noise and AM Synchronous Noise detector), For use at transmitter. **DC-4** Frequency Agile Down Converter may be substituted for OPTION 02 when frequency agility is required..
- **ORDER RFA-4** RF Amplifier, For use at studio or other off-air application.

*Note that the FMSA-1 is required for stereo decoding and measurements in either case.*

### *AMMA-2 Wizard*

**AMMA-2** Comes complete with Demod. Standard input impedance is 500Ω—if 50Ω input impedance is needed, specify when ordering. The **MP-17** Analog Meter Panel, is available, for full-time analog display of positive, negative modulation and carrier level.

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**The following equipment requires you to Specify Carrier Frequency, Channel or Visual & Aural Frequency.**

<i>FMM-2</i>	<i>TVM-101</i>	<i>TVM-3A</i>
<i>RFA-1A</i>	<i>TVM-101E</i>	<i>RFA-3</i>
<i>FMRR-1A</i>	<i>TVM-102</i>	<i>LP-1</i>
<i>TVM-100</i>	<i>TVM-2A</i>	<i>LP-1A</i> (source of power, RFA-2 or power supply?)
<i>RFA-2</i> (also used with what Belar monitor? Used with LP-1A Loop Antenna?)		
<i>AMM-4</i> (If not U.S., we need carrier frequency, or specify 1 kHz or 10 kHz spacing.)		

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**If the following equipment is ordered separately, what will it be used with?**

<i>FMSA-1</i>	<i>FMS-2</i>	<i>RFA-4</i>
<i>PWM-1</i> (Serial # of FMM-2)		
<i>SCM-2</i> (We recommend the SCMA-1) Any frequencies in addition to the standard 67 kHz?		

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**The following equipment has no special requirements.**

<i>AMM-2C</i>	<i>CSA-1</i>	<i>TVMA-1</i>
<i>AMM-3A</i>	<i>DC-4</i>	<i>TVM-230</i>
<i>AMDA-1</i>	<i>DSD-1</i>	<i>TVM-250</i>
<i>AS-1</i>	<i>DSD-1A</i>	<i>ALL Meter Panels</i>
<i>FMRR-4</i>	<i>FMM-4A</i>	
<i>RDS-1</i>	<i>SCMA-1</i>	

**FOR INTERNATIONAL ORDERS:** In addition to the above information, we need de-emphasis (where applicable) and line voltage.



## **BELAR ELECTRONICS LABORATORY, INC.**

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Where Accuracy Counts...Count on Belar

## Quick Summary Sheet Belar Wizard Ordering Information

FMMA-1 for use at **transmitter requires:**

- 1.) FMMA-1 Option 01 (precision FM Demodulator with Calibrator (IF input))
- 2.) Down Converter

Either Option 02 (down converter/sync. AM Noise Detector (specify frequency))

Or DC-4 Frequency Agile Down Converter for transmitter operation (DC-4 opt 01 “Wizard Kit” adds Sync-AM Noise Detection and Wizard Interface)

FMMA-1 for **studio** or other off-air applications **requires:**

- 1.) FMMA-1 Option 01 (precision FM Demodulator with Calibrator (IF input))
- 2.) RFA-4 Frequency Agile FM RF Amplifier (10 Memory Preset)  
(RFA-4 opt 01 “Wizard Interface Module” is no charge when ordered with FMMA-1)

The FMMA-1 is **required** for stereo measurements in either case.

All FMMA-1 orders include The Wizard Software

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