The following third party equipment and software has been evaluated by DRA Laboratories and determined to be compatible with MLSSA. DRA Laboratories is providing this information only as a customer service and makes no warranties express or implied regarding this equipment.

Outline Turntable ET2 / ST2
For making automated polar response and/or power response and directivity index measurements of loudspeakers.

The Outline turntable sports heavy-duty construction and is electronically controlled for angular increments of 2.5, 5, 10, 15, 20, 25, 30, 35, 40 and 45 degrees. The angular increment is selected through a front panel switch. Thereafter, the turntable automatically rotates by the selected increment each time it is signaled by MLSSA through the Macro Command Signal command. After rotation to the next angle is completed, the turntable automatically sends back an acknowledgement pulse to MLSSA, which detects it through the Macro Command Wait command for perfectly synchronized polar response measurements. A special cable with ‘D’ connectors attached for interfacing to MLSSA is included with the turntable package. Approximate cost is US$1800 including the optional speaker stand. Manufactured by Outline at:

Outline S.N.C.
Via Leonardo da Vinci 56
25020 Flero (Brescia)
Italy
Tel: +39 30-358-1351
Fax: +39 30-358-0431
E-mail: info@outline.it
Web site: www.outline.it

POLAR Polar Response Plotting Utility
For plotting loudspeaker polar response data acquired by MLSSA in the traditional circular polar plot format. Also computes directivity Q and directivity index at selected frequencies.

The Harmonic Design POLAR plotting utility provides MLSSA users with a means of plotting loudspeaker polar response data in circular form (see sample screen above). While POLAR does not include integrated printer support, it does allow you to export images to PCX files that can then be printed by MLSSA.

POLAR can also plot polar response data in the form of a color-coded contour plot and includes a utility for converting exported MLSSA polar data to EASE format. Approximate cost is US$300.

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