

# EMES

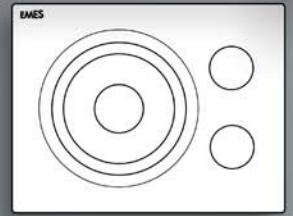
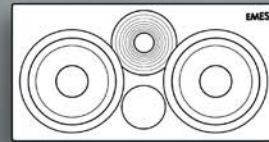
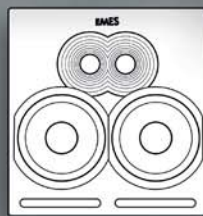
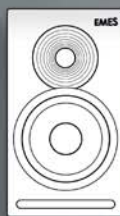
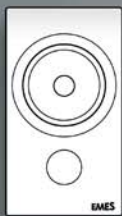
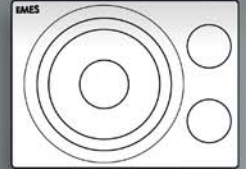
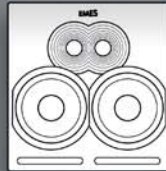
## MODUMO™

MODular MONitoring

PINK tv

mini-OWL

AMBER



BLACK tv HR

VIOLETT HR

OWL-SYSTEM

BLUE HR

AMBER HR

Expand your EMES Near Field Monitor  
and turn it into a three way system!



## Applications

**RECORDING  
MASTERING  
PROJECT STUDIO**

## Arrangement/Configurations

**STEREO  
SURROUND  
ADVANCED SURROUND™**

## Features

### Combined 3 way Systems

- ◆ Cost effective
- ◆ Flexible
- ◆ Versatile

**Extended Low end 28/32Hz (-3dB)**

**Extended SPL by 4 to 6 dB per ch.**

**up to 950W Amp power per ch.**

**4 physical principals available**

- ◆ Coaxial
- ◆ D'Appolito
- ◆ One + One
- ◆ EmbracingSound™

### Low end Bypass Function

- ◆ Extended Low End On/Off

### Phase compensation

- ◆ 0-360 degree (30degr. Steps)

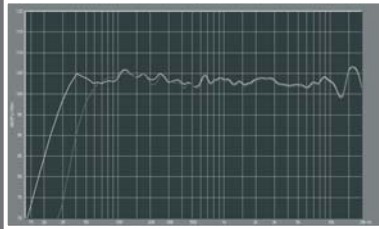
## Diagrams/Specs



MODUMO Set-Up AMBER HR / BLUE HR / OWL



FC response AMBER / PINKtv (at 150Hz)



FC response AMBER HR / VIOLETT HR at 80Hz

Only a company like us specialized in Monitoring, with the knowledge of the entire needs, could come up with such a unique solution to modern monitoring!

MODUMO - MODular Monitoring is one of EMES's key technologies, MODUMO the most flexible monitoring solution available.

The IDEA:

Instead of buying another monitoring system just because your monitoring needs have changed, we offer a way to expand the system by adding the relevant components to your existing EMES near field monitors. These additions will allow you to extend your monitor system specifications in terms of SPL and/or Low End Resolution.

Start with, or keep your, high quality EMES active near field speakers and use them as an excellent basis to build a high quality 3 way active Mid field -, Main- or multi channel- monitoring system!

The choice is yours, add flexibility at a very competitive price-performance ratio.

With the EMES MODUMO concept you are free to choose the acoustic principal you prefer:

COAXIAL (BLACK tv HR active), D'Appolito (BLUE HR active), One + One (Pink tv active / VIOLETT HR active) or EmbracingSound™ (mini-OWL / OWL). Once you have chosen your favorite 2 way EMES near field monitor, simply add one or two EMES AMBER/AMBER HR Sub Units to each near field and you then have an instant 3 way system with extended low end and increased output handling.

There are more benefits in a MODUMO combination than meets the eye!

Bypass the Sub-Bass unit, with the remote switch function, and you will hear the near field speakers in full range again, creating two Monitoring Systems in one.

Disconnect the near fields and carry them as your personal reference Monitors to any place you need them.

If you want to work in surround - you are half way there! L/R and Subs are already in your hands!

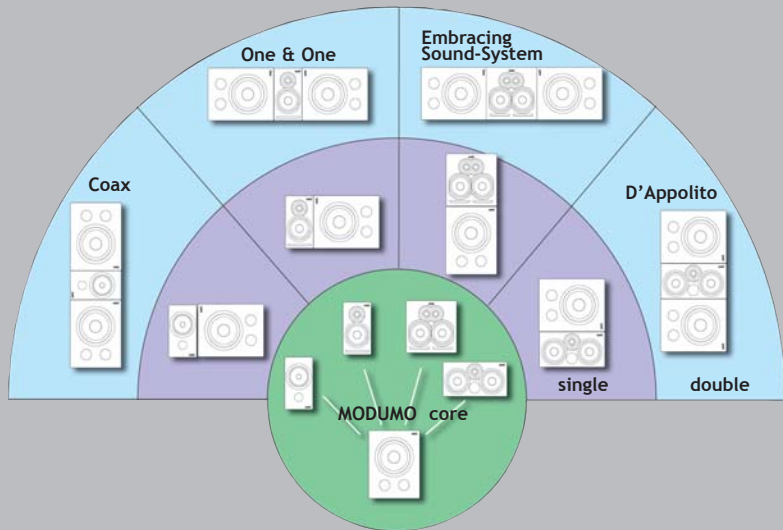
Please read the corresponding EMES product brochures for details on the single Monitors!

As an example you find below the Specs of a PINK tv active / AMBER combination (crossed at 150 Hz) and VIOLETT HR active / AMBER HR combination (crossed at 80 Hz).

In both cases you gain a full octave in the Low End and 4 to 6 dB of max. Acoustic SPL compared to the single 2 way near field

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**MODUMO** and **Advanced Surround** Trademarks owned by EMES



### SYSTEM

Lower cut off fc Near field  
Upper cut off fc Combination  
Frequency response (free field)  
Maximum output, Near field  
Maximum output, Combination  
THD at 95dB SPL <100Hz  
THD at 95dB SPL >100Hz  
Weight Near field/Sub-Unit  
Dimensions (width/height/depth)

### PINK tv active/AMBER

68 Hz (-3dB)  
32 Hz (-3dB)  
32-20.000 Hz (±3 dB)  
108 dB  
114 dB  
1,10%  
0,30%  
5,4 Kg / 23,5 Kg  
590 x 290 x 450 mm

### VIOLETT HR active/AMBER HR

46 Hz (-3dB)  
28 Hz (-3dB)  
28-20.000 Hz (±3 dB)  
109 dB  
115 dB  
1,10%  
0,30%  
9,4 Kg / 32,4 Kg  
690 x 380 x 450 mm

### ELECTRONIC

Near field level control  
Sub-Unit level control  
RMS output near field  
RMS output Sub-Unit  
X-over frequency fixed (Near field)  
X-over frequency variable  
Distortion at maximum acoustic output

16 steps from 0,45 - 4,5V  
16 steps from 0,45 - 4,5V  
2 x 80 W  
2 x 160 W  
1.700 Hz (12dB/12dB)  
80 / 150 Hz  
0,40%

16 steps from 0,45 - 4,5V  
16 steps from 0,45 - 4,5V  
2 x 120 W  
2 x 160 W  
1.200 Hz (12dB/12dB)  
80 / 150 Hz  
0,40%

### MAIN PURPOSE

Listening distances  
Mid field  
Main Monitor

120 - 400 cm  
x  
x

140 - 450 cm  
x  
x

# EMES

distributed by:

