



# LINN

## KEY FEATURES INCLUDE

- Linn 3K Driver Array\* creates a consistent single point source independent of cabinet type
- High quality 6 1/2 inch Sandwich cone drive units deliver pitch accurate, musical bass
- Acoustically matched double-flared ports with unique "rifled" design
- Unique Linn loudspeaker configuration system allows simple alternation between Aktiv and passive configuration
- Bass extension feature - allows complete flexibility to tailor bass response of AKURATE 242 and 225 to suit the listening environment
- AKURATE 221 Bass extension loudspeaker deploys servo-controlled amplification and can be tailored to suit the listening environment
- A cast metal stand provides a solid, stable foundation for the floor standing AKURATE 242 and in conjunction with a column, supports the compact AKURATE 212 and AKURATE 225 loudspeakers

The AKURATE system consists of four distinct acoustically matched loudspeakers that can be simply configured for high performance stereo and multi-channel music or home theatre applications.

The AKURATE system has been designed to do full justice to the latest high-definition sound and vision formats, such as Super Audio CD. The system also combines the latest in Linn technology and high quality materials.

The full-range models within the AKURATE system, the 242, 225 and 212 loudspeakers, feature Linn's new 3K Driver Array\* technology that creates a consistent single point sound source and improves high frequency response. All components used in the 3K Driver Array are tolerance matched to ensure sonic consistency throughout. Sandwich cone 6 1/2 inch bass drive units deliver pure musical bass and the highly braced internal cabinet construction ensures the best possible performance from the advanced drive unit design. These full range loudspeakers are stand mountable and come with invisible, flush fitting "SEKRIT-Fastener" grilles\*.

In addition to three full-range models, the AKURATE system also includes the 221 - a bass extension loudspeaker that deploys servo-controlled amplification. The 8 inch bass unit is constantly monitored and regulated to maintain accurate and musical bass in any listening environment.

All models are available in a choice of attractive finishes - Maple, Cherry, Rosenut and Black Ash.

\* Patent pending

## AKURATE

### SPECIFICATION

A high performance, multi-channel loudspeaker system



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# AKURATE

## TECHNICAL SPECIFICATION

A high performance, multi-channel loudspeaker system



### AKURATE 242

5 way Bass reflex floorstanding loudspeaker incorporating Linn 3K Driver Array and 2 x 6 1/2 inch Sandwich cone bass drivers

|                                     |   |
|-------------------------------------|---|
| ▮ Cabinet volume:                   | 42 litres   |
| ▮ Impedance (passive):              | 8 Ohms  |
| ▮ Impedance (active bass):          | 16 Ohms   |
| ▮ Impedance (active mid):           | 8 Ohms  |
| ▮ Impedance (active tweeter):       | 6 Ohms  |
| ▮ Impedance (active super tweeter): | 4 Ohms  |
| ▮ Efficiency:                       | 87 dB for 1 watt at 1 metre (1 kHz)   |
| ▮ Frequency response (passive):     | 49 Hz - 33 kHz  |
| ▮ Frequency response (active):      | 40 Hz - 33 kHz  |
| ▮ Magnetic shielding:               | Yes   |
| ▮ Crossover options:                | Fully passive, partially or fully Aktiv   |
| ▮ Connection options:               | Up to 5 way by wire or amplifier, bass lift option when Bi-wiring, +/- 2 dB       |
| ▮ Dimensions                        | H 1000 mm x W 210 mm x D 380 mm<br>H 39 1/2 inches x W 8 3/8 inches x D 15 inches |
| ▮ Weight                            | 32kg/70 1/2 lbs   |

### AKURATE 225

5 way centre channel/dialogue loudspeaker incorporating Linn 3K Driver Array and 2 x 6 1/2 inch Sandwich cone bass drivers

|                                     |  |
|-------------------------------------|--|
| ▮ Cabinet volume:                   | 25 litres  |
| ▮ Impedance (passive):              | 8 Ohms   |
| ▮ Impedance (active bass):          | 16 Ohms  |
| ▮ Impedance (active mid):           | 8 Ohms   |
| ▮ Impedance (active tweeter):       | 6 Ohms   |
| ▮ Impedance (active super tweeter): | 4 Ohms   |
| ▮ Efficiency:                       | 87 dB for 1 watt at 1 metre (1 kHz)  |
| ▮ Frequency response (passive):     | 66 Hz - 33 kHz   |
| ▮ Frequency response (active):      | 58 Hz - 33 kHz   |
| ▮ Magnetic shielding:               | Yes  |
| ▮ Crossover options:                | Fully passive, partially or fully Aktiv  |
| ▮ Connection options:               | Up to 5 way by wire or amplifier, bass lift option when Bi-wiring, +/- 2 dB      |
| ▮ Dimensions                        | H 250 mm x W 600 mm x D 300 mm<br>H 9 7/8 inches x W 23 3/4 inches x D 12 inches |
| ▮ Weight                            | 21kg/46 3/8 lbs  |



### AKURATE 212

4 way Bass reflex compact loudspeaker incorporating Linn 3K Driver Array and 1 x 6 1/2 inch Sandwich cone bass driver

|                                     |  |
|-------------------------------------|--|
| ▮ Cabinet volume:                   | 12 litres  |
| ▮ Impedance (passive):              | 8 Ohms   |
| ▮ Impedance (active bass):          | 8 Ohms   |
| ▮ Impedance (active mid):           | 8 Ohms   |
| ▮ Impedance (active tweeter):       | 6 Ohms   |
| ▮ Impedance (active super tweeter): | 4 Ohms   |
| ▮ Efficiency:                       | 87 dB for 1 watt at 1 metre (1 kHz)  |
| ▮ Frequency response (passive):     | 70 Hz - 33 kHz   |
| ▮ Frequency response (active):      | 50 Hz - 33 kHz   |
| ▮ Magnetic shielding:               | Yes  |
| ▮ Crossover options:                | Fully passive, partially or fully Aktiv                                      |
| ▮ Connection options:               | Up to 4 way by wire or amplifier   |
| ▮ Dimensions:                       | H 350 mm x W 210 mm x D 300 mm<br>H 14 inches x W 8 3/8 inches x D 12 inches |
| ▮ Weight:                           | 12kg/26 1/2 lbs  |



### AKURATE 221

8 inch Bass extension loudspeaker utilising 500 watts of servo-assisted Linn silent power.

|                                |  |
|--------------------------------|--|
| ▮ Drive Unit:                  | 8 inch servo-assisted bass   |
| ▮ Cabinet volume:              | 21 litres  |
| ▮ Mains input voltage range:   | 100 V: 90 - 110 V<br>115 V: 103 - 126 V<br>230 V: 207 - 253 V  |
| ▮ Mains supply frequency:      | 50 - 60 Hz   |
| ▮ External frequency response: | Adjustable from 10 Hz -235 Hz in 9 steps. Default is 10 Hz   |
| ▮ Internal frequency response: | Adjustable from 55 Hz -130 Hz in 3 steps and flat (to allow external low pass filtering). Default is 85 Hz |
| ▮ Gain:                        | Adjustable in 1 dB steps   |
| ▮ Line input impedance:        | 18 kOhms   |
| ▮ Line output level:           | Electronically in parallel with line input   |
| ▮ Output power:                | 500 W RMS, 1000 W peak   |
| ▮ Magnetic shielding:          | Yes  |
| ▮ Control features:            | Signal sensing, auto on/off  |
| ▮ Protection:                  | Fully protected against overload, over temperature, full short circuit and overdrive                       |
| ▮ Dimensions:                  | H 324 mm x W 324 mm x D 324 mm<br>H 12 3/4 inches x W 12 3/4 inches x D 12 3/4 inches                      |
| ▮ Weight:                      | 17kg/37 1/2 lbs  |

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