

# i S K S E R I E S

Pro audio companies are notorious for the games played around power ratings. You've seen them all – "Musical Peak," "Peak Program," or even crazier, no labels at all! These tricks are responsible for thousands of blown speakers each year. At Phonic, we put our speakers through the International Electrotechnical Commission's (IEC) power test. When Phonic rates a speaker's RMS power handling, we put it through a grueling 100 hour test using IEC's mandated pink noise signal - the most rigorous rating standard in the industry. IEC 268-1 calls for a filtered pink noise signal with a 6dB crest factor. A Phonic speaker rated at 350W IEC RMS means that the speaker can handle 700W of musical playback and 1400W of peak signal! So the next time you buy a passive speaker, ask the right questions: What is the RMS power of this speaker? How was RMS power determined? Did they use the correct IEC-268 pink noise signal? What was the crest factor of the signal? How long did they test for? Armed with these questions, you can sidestep the tricks and get the power you need!



**PHONIC**  
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# i S K S E R I E S

With its signature vertical curvatures, thick foamed grille, and ergonomic metal handles, the studio-tuned iSK establishes itself as the new segment benchmark. The iSK's new 1.8" pure titanium compression tweeters gracefully extends beyond 22kHz and long-throw woofers reaches lower F0's than other woofers on the market. The iSK series is the most versatile in its class with 3 M10 bolts for installation hanging, dual angle pole-mounts (iSK12/15), and a 45° floor monitor position for two-way models. Finally, the iSKs are incredibly heavy-duty with either tough anti-scratch paint (Deluxe) or professional-grade carpeting (Original). The Original models are constructed from 20mm thick Grade-A MDF panels, while the iSK Deluxe version takes it up a notch with birch plywood panels. Engineered for an unsurpassed audio response, sensational power handling, and extensive mounting possibilities, the iSK establishes a new benchmark.

## iSK 12

12" Passive 2-way Stage Speaker / Floor Monitor  
350W RMS / 700W Music / 1400W Peak

## iSK 15

15" Passive 2-way Stage Speaker / Floor Monitor  
350W RMS / 700W Music / 1400W Peak

## iSK 215

Dual 15" Passive 2-way Stage Speaker  
700W RMS / 1400W Music / 2800W Peak

## iSK 18

18" Subwoofer  
500W RMS / 1000W Music / 2000W Peak

- ▶ RMS power ratings certified and tested using the IEC 268 torture test
- ▶ Thick 20mm Grade-A MDF (Original) or birch plywood (Deluxe) body with internal bracing system increases structural strength
- ▶ New 1.8" pure titanium compression tweeter paired with Phonic's proprietary Wing-Guide™ horn delivers smooth, transient highs beyond 22kHz
- ▶ Wide 90°x70° dispersion angle
- ▶ New long-throw composite woofers offer among the lowest F0's in market
- ▶ Professional Speakon In/Out Connections
- ▶ Serve as floor monitor when tilted on the side (iSK12/15)
- ▶ Dual pole mounts has 10° option that avoids ceiling reflections and increases high frequency coverage to audiences beyond 20 meters (iSK12/15)
- ▶ Installation friendly: 3 M10 bolts for hanging (iSK12/15)
- ▶ Thick 1.3mm/1.6mm foamed grille
- ▶ Durable and ergonomic metal handles
- ▶ Also available with a tough anti-scratch paint finish ("Deluxe" models)

**PAINT**  
(iSK Deluxe)

Birch plywood  
with tough paint

**CARPETED**  
(iSK Original)

MDF with ultra  
thick carpeting



### Install-Friendly M10 Points

iSK 2-way units are equipped with three M10 fly points for hanging. Speakers can be suspended from ceilings for more versatile audio coverage.



### New 1.8" Titanium Compression Tweeter / Wing-Guide™ Horn

Phonic's R&D team designed new 1.8" pure titanium compression tweeters for the iSK series. When paired with Phonic's proprietary Wing-Guide™ horn, the iSK delivers smooth, transient highs beyond 22kHz.



### Thick Foamed Grilles

The iSK is equipped with thick 1.3mm (iSK12/15) and 1.6mm (215/18) foamed grilles to protect your investment from dust and the occasional bumps on the road.



### Weatherproof Bags

The iSK's specially constructed weatherproof bags protect your speakers while on the road. Rain, sleet or snow, your iSK speakers are able to go with you on tour regardless of the forecast.



### Dual Angle Pole Mount

iSK two-way speakers are equipped with dual pole mounts giving users a 10° position along with the standard upright position. The 10° position avoids ceiling reflections and increases high frequency coverage to audiences beyond 20 meters.



### A-Grade 20mm MDF or Birch Plywood

Built like a tank! Thick 20mm Grade-A MDF panels with the internal bracing system increases structural strength and enhances acoustic response. The sturdy construction along with pro-grade carpets protects your iSK investment for years to come. "Deluxe" models offer high grade birch plywood finished with black protective anti-scratch paint.

# a S K S E R I E S

In developing the aSK, Phonic's Loudspeaker Research and Development Team insisted on professional grade performance at affordable price points to fit the needs of performers and hobbyists alike. Engineered from the ground up, the aSK is built like a tank. Structural features include internal bracings that minimize body vibration, heavy duty metal handles, slanted sides to decrease diffraction, and ultra-thick (Yes! Ultra-thick!) carpet to withstand the occasional, unavoidable, rough handling. The aSK is also equipped with Phonic's proprietary Wing-Guide™ horn which lowers distortion and improves dispersion consistency. Phonic's Loudspeaker R&D Team also engineered new drivers for the series including 1.3" pure titanium tweeters and long-throw woofers, resulting in a stellar acoustic response that is flat overall with a bass boost providing added "thump". For rigorous performance requirements at an incredible value - the aSK makes no compromises.

## **aSK 10**

10" Passive 2-way Stage Speaker /  
Floor Monitor  
200 Watt Power Handling (Music)

## **aSK 12**

12" Passive 2-way Stage Speaker /  
Floor Monitor  
400 Watt Power Handling (Music)

## **aSK 15**

15" Passive 2-way Stage Speaker /  
Floor Monitor  
400 Watt Power Handling (Music)

## **aSK 215**

Dual 15" Passive 2-way Stage  
Speaker  
800 Watt Power Handling (Music)

## **aSK 18**

18" Subwoofer  
600 Watt Power Handling (Music)

- ▶ RMS power ratings certified and tested using the IEC 268 torture test
- ▶ New 1.3" pure titanium compression tweeter paired with Phonic's proprietary Wing-Guide™ horn delivers smooth, transient highs beyond 20kHz
- ▶ Wide 90°x70° dispersion angle
- ▶ Long-throw Black Morie woofers give added bass "thump"
- ▶ Stability bracing system increases structural strength
- ▶ Input and Output: Parallel ¼" jacks
- ▶ Serves as floor monitor when tilted on the side (aSK10/12/15)
- ▶ Thick 1.3" grille to withstand the bumps and bruises of the road
- ▶ Metal handles and pole mounts are exceptionally ergonomic and virtually indestructible



### **Durable Metal Handle / Pole Mount**

The aSK is equipped with virtually indestructible metal handles and pole mounts. Along with MDF speaker panels and ultra-thick carpeting, your aSK investment will be good for years to come.



### **1.3" Pure Titanium Tweeter / Wing-Guide™ Horn**

Phonic's R&D team designed new 1.3" pure titanium compression tweeters for the aSK series. When paired with Phonic's proprietary Wing-Guide™ horn, the aSK delivers smooth, transient highs beyond 20kHz.



### **Thick Grilles**

We equipped the aSK with pro-grade 1.3mm grilles to protect your investment from the bumps and bruises of the road.



Model Name	iSK 12 (Deluxe)	iSK 15 (Deluxe)	iSK 215 (Deluxe)	iSK 18 (Deluxe)
<b>System Specifications</b>				
System Type	2-way	2-way	2-way	Subwoofer
Frequency Response (+/- 3dB)	50Hz - 22kHz	40Hz - 22kHz	38Hz - 22kHz	38Hz - 250Hz
RMS(IEC 268) / Music / Peak	350/700/1400W	350/700/1400W	700/1400/2800W	500/1000/2000W
Sensitivity 1w@1m	98dB	98dB	99dB	99dB
System Impedance	8ohm	8ohm	4ohm	4ohm
<b>Low Frequency Driver</b>				
Driver Size	305mm/12in	380mm/15in	380mm/15in	470mm/18in
Diaphragm Material	Paper/Fiber Composite	Paper/Fiber Composite	Paper/Fiber Composite	Paper/Fiber Composite
Voice Coil Diameter	66mm/2.6in	66mm/2.6in	66mm/2.6in	100mm/4.0in
<b>High Frequency Driver</b>				
Voice Coil Diameter	45mm/1.8in	45mm/1.8in	45mm/1.8in	-
Diaphragm Material	Pure Titanium	Pure Titanium	Pure Titanium	-
Horn Design	Wing-Guide™,Wing-Guide™™	Wing-Guide™,-"		
System Dispersion	90°x70°	90°x70°	90°x70°	-
<b>Crossover</b>				
Type	2-way full range	2-way full range	2-way full range	Subwoofer
Protection	Bulb Protection	Bulb Protection	Bulb Protection	Bulb Protection
Input/Outputs				
Connectors	Speakon x 2	Speakon x 2	Speakon x 2	Speakon x 2
<b>Enclosure</b>				
Shape/Type	Stage Speaker and Stage Monitor	Stage Speaker and Stage Monitor	Stage Speaker	Stage Speaker
Box Protection/Finish	Thick-Carpet (Black Paint)	Thick-Carpet (Black Paint)	Thick-Carpet (Black Paint)	Thick-Carpet (Black Paint)
Wood Thickness	20mm/0.8in (16mm/0.64in)	20mm/0.8in (16mm/0.64in)	20mm/0.8in (16mm/0.64in)	20mm/0.8in (16mm/0.64in)
Grille Gauge	1.3mm	1.3mm	1.6mm	1.6mm
Wood Type	Premium MDF (Birch Plywood)	Premium MDF (Birch Plywood)	Premium MDF (Birch Plywood)	Premium MDF (Birch Plywood)
Bracing	Stability Bracing System	Stability Bracing System	Stability Bracing System	Stability Bracing System
Sound Ports	50mm x 2pcs	60mm x 2pcs	60mm x 4pcs	146 (Diameter) x159 (Length) x 2pcs
Pole Mount	Dual Angle Pole Mount with 10° position	Dual Angle Pole Mount with 10° position	-	Metal Pole Mount
Handles	Ergonomic Metal Handles	Ergonomic Metal Handles	Ergonomic Metal handles	Ergonomic Metal Handles
<b>Physical</b>				
Unit Dimensions(HxWxD)	627x395x370mm / 24.7x15.5x14.6in	717x460x435mm / 28.2x18.1x17.1in	1170x460x435mm/ 46.1x18.1x17.1in	535x620x620mm / 21.1x24.4x24.4in
Weight	23.5kg/51.7lbs (19kg/41.8lbs)	28.5kg/62.7lbs(24.5kg/52.9lbs)	50kg/110lbs (43kg/94.6lbs)	47kg/103.4lbs(42kg/92.4lbs)

Model Name	aSK 10	aSK12	aSK 15	aSK 215	aSK 18
<b>System Specifications</b>					
System Type	2-way	2-way	2-way	2-way	Subwoofer
Frequency Response (+/- 3dB)	65Hz-20kHz	50Hz-20kHz	45Hz-20kHz	40Hz-20kHz	40Hz-250Hz
RMS(IEC 268) / Music / Peak	100/200/400w	200/400/800w	200/400/800w	400/800/1600w	300/600/1200w
Sensitivity 1w@1m	96dB	97dB	97dB	99dB	99dB
System Impedance	8ohm	8ohm	8ohm	4ohm	4ohm
<b>Low Frequency Driver</b>					
Driver Size	255mm/10in	305mm/12in	381mm/15in	381mm/15in (Dual)	457mm/18in
Diaphragm Material	Black Morie Paper	Black Morie Paper	Black Morie Paper	Black Morie Paper	Black Morie Paper
Voice Coil Diameter	35.5mm/1.4in	51mm/2.0in	51mm/2.0in	51mm/2.0in	77mm/3.0in
<b>High Frequency Driver</b>					
Voice Coil Diameter	25.4mm/1in	34.4mm/1.35in	34.4mm/1.35in	34.4mm/1.35in	-
Diaphragm Material	Specially Treated Mylar	Pure Titanium	Pure Titanium	Pure Titanium	-
Horn Design	Wing-Guide™	Wing-Guide™	Wing-Guide™	Wing-Guide™	-
System Dispersion	90°x70°	90°x70°	90°x70°	90°x70°	-
<b>Crossover</b>					
Type	2-way full range	2-way full range	2-way full range	2-way full range	Subwoofer
Protection	PTC Protection	PTC Protection	PTC Protection	PTC Protection	-
<b>Enclosure</b>					
Shape/Type	Stage Speaker and Stage Monitor	Stage Speaker and Stage Monitor	Stage Speaker and Stage Monitor	Stage Speaker	Stage Speaker
Box Protection/Finish	Ultra-Thick Carpet	Ultra-Thick Carpet	Ultra-Thick Carpet	Ultra-Thick Carpet	Ultra-Thick Carpet
Wood Thickness	15mm/0.6in	15mm/0.6in	15mm/0.6in	20mm/0.8in	20mm/0.8in
Grille Gauge	1.3mm	1.3mm	1.3mm	1.3mm	1.3mm
Wood type	MDF Front/LDF Sides	MDF Front/LDF Sides	MDF Front/LDF Sides	MDF Front/LDF Sides	MDF Front/LDF Sides
Bracing	Stability Bracing System	Stability Bracing System	Stability Bracing System	Stability Bracing System	Stability Bracing System
Sound Ports	50mm x 2pcs	50mm x 2pcs	60mm x 2pcs	60mm x 2pcs	146(Diameter) x 150(Length) x 2pcs
Pole Mount	Metal Pole Mount	Metal Pole Mount	Metal Pole Mount	Metal Pole Mount	Metal Pole Mount
Handles	Ergonomic Metal Handle	Ergonomic Metal Handle	Ergonomic Metal Handle	Ergonomic Metal Handle	Ergonomic Metal Handle
Net Weight	15kg/33lbs	16.5kg/36.3lbs	21kg/46.2lbs	44.5kg/97.9lbs	44kg/96.8lbs
Shipping Weight	16.5kg/36.3lbs	18.5kg/40.7lbs	23.5kg/51.7lbs	48.5kg/106.7lbs	46.5kg/102.3lbs
Unit Dimension (HxWxD)	578x385x307mm / 22.8x15.2x12.1in	607x405x323mm / 23.9x15.9x12.7in	705x470x375mm / 27.8x18.5x14.8in	1100x470x470mm / 43.3x18.5x18.5in	535x620x620mm / 21.1x24.4x24.4in
Shipping Dimension (HxWxD)	635x430x352 mm / 25.4x17.2x14.1in	660x450x368 mm / 26.4x18x14.75in	765x515x420 mm / 30.6x20.6x16.8 in	1165x515x515 mm / 46.6x20.6x20.6 in	600x665x665 mm / 24x26.6x26.6 in
<b>Input/Outputs</b>					
Connectors	1/4" Parallel Inputs	1/4" Parallel Inputs	1/4" Parallel Inputs	1/4" Parallel Inputs	Speakon x 2