



The Scorpion® Series 10, 12, and 15 inch musical instrument loudspeakers have earned a reputation of unequalled tonal response and reliability. Their introduction with the Peavey Solo™ Series and their use in a wide range of professional musical instrument systems have proven the Scorpion superiority.

Our exclusive field replaceable basket/cone assembly, first introduced in the Black Widow®/Super Structure™ Series, exemplifies the Scorpion's many unique capabilities and advantages.

During modern performance situations, damaging D.C. voltages or other unwanted signal sources could possibly damage **any** loudspeaker or cause complete failure. Although this is **not** a common occurrence, the Peavey Scorpion Series has been designed to deal with

such incidents with our field replaceable basket/cone assembly. In the event of speaker damage/failure, the musician/soundcrew can **easily** remove the magnet from the basket assembly with three bolts, clean the gap and utilize a new basket/cone assembly for replacement. This unique system saves time, **money** and, many times, the performance **itself!** The high power handling capability coupled with a large 2 1/2" diameter **ribbon** aluminum voice coil allows **any** model Scorpion to produce very **high sound pressure levels** and **maintain** those levels over a long period of time.

The die-cast aluminum frame and large magnetic assembly with vented pole piece ensures superior cooling, long life and durability. The unique die-cast frame of the Scorpion also incorporates a "square-

frame" design allowing these fine transducers to be utilized in a variety of small, compact enclosures such as the Peavey 410S and 212MS. Because of the Scorpion's "adaptability" to many enclosure designs (infinite baffle, tuned and ported, etc...), the modern musician will find distinct advantages for utilizing our Scorpions over competing transducers. For example, full range response for guitar amplification or excellent high end/mid range response for bi-amped (or tri-amped) bass and keyboard rigs.

Our 10-inch, 12-inch or 15 inch Scorpion loudspeakers (4 or 8 ohm versions) are now available to discriminating musicians who require superb sound reproduction, outstanding durability and high sound pressure levels.



## SPECIFICATIONS

MODEL	S-10425	S-10825	S-12425	S-12825	S-15825
DIAMETER	10"	10"	12"	12"	15"
IMPEDANCE	4 ohms	8 ohms	4 ohms	8 ohms	8 ohms
SOUND PRESSURE LEVEL (1 watt, 1 meter on axis)	99 dB	99 dB	101 dB	101 dB	100 dB
POWER HANDLING CONTINUOUS*	200 W	200 W	200 W	200 W	200 W
POWER HANDLING PROGRAM*	400 W	400 W	400 W	400 W	400 W
RE (dc resistance)	3.36 ohms	5.47 ohms	3.36 ohms	5.47 ohms	5.54 ohms
FS (free air resonance)	91.0 Hz	92.4 Hz	82.9 Hz	82.5 Hz	50.6 Hz
QTS (total quality factor in free air)	0.74	0.71	0.80	0.78	0.60
QMS (mechanical quality factor)	8.0	7.9	6.2	6.2	7.1
QES (electrical quality factor)	0.82	0.79	0.93	0.92	0.66
VAS (equivalent volume compliance of suspension)	18.4 L	18.4 L	42.4 L	42.4 L	142 L
DEPTH (mtg)	3 5/8"	3 5/8"	4 3/8"	4 3/8"	5 1/2"
WEIGHT	7.5 lbs.	7.5 lbs.	7.8 lbs.	7.8 lbs.	9.9 lbs.

\*Program ratings are duty cycle dependent. Ratings will vary depending upon style and type of musical signal.

## APPLICATIONS

All models of the Scorpion Series are ideally suited for lead and rhythm guitar applications. The extended bandwidth and excel-

lent high frequency response provide superb performance for electric bass and bass biamp configurations and,

because of their versatility, the Scorpion Series can be used for many keyboard systems.

# BASKET ASSEMBLY REPLACEMENT

Prior to replacement procedure, clean work area of all metal objects and other debris.

With the speaker lying face down, remove the three screws on the back of the magnet structure.



When the three screws are removed, carefully lift the magnet structure vertically from the basket assembly and flip structure over with the gap up.



Clean the voice coil "gap" to remove any foreign matter. Fold a strip of masking tape into a small triangle with the adhesive side out for this procedure.



Place the magnet structure on a flat surface with the "gap" facing upward and carefully lower the new basket assembly onto the magnet structure. Use extreme care in order to avoid damaging the voice coil.



Firmly grasp both the basket assembly and the magnet structure with both hands and carefully turn the entire assembly over on its face.



With the speaker face down, replace the three screws and tighten.



## PEAVEY TRANSDUCER WARRANTY

Peavey Transducers are warranted to the original purchaser to be free from defects in workmanship and materials for one year after initial purchase date. This warranty is contingent upon proper use of the transducer and does not warrant suitability for any single application or location. Transducers that have been abused in any fashion, modified or tampered with, are not covered under this warranty. Warranty status shall be determined by Peavey Electronics Corp. upon inspection of inoperative unit at the factory.

Transducers that are returned for warranty service **must** be sent **prepaid** to the factory for inspection and/or service. A **copy** of the sales receipt on the original purchase of the Transducer, along with a description of the problem, must be enclosed with the returned unit. Please be sure to include your return address.

This warranty applies only to those Transducers manufactured by Peavey Electronics Corporation.

Scorpion® Speakers S-10425, S-10825, S-12425, S-12825 and S-15825 and Scorpion® Replacement Baskets are available to authorized Peavey dealers with Product Line Schedules "B", "C", "E", "F", "H", "I", and "J."

Scorpion® is a registered trademark of Peavey Electronics Corporation.



Features and specifications subject to change without notice.

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