



ENGINEERING SOUND AUDIO

Compact cardioid bass loudspeaker - passive **E-Flexibility™** system

NJ12C

With the patented E-Flexibility™ innovation a quick and flexible system has been created, which ensures excellent sound quality. The concept was to offer a modular system for the user, who can plan extensively with 2 modules or with the variations of 2 modules.

APPLICATIONS:

Recommended for amplification of theatres, open air theatres, music festivals, concert halls, clubs, discos

FEATURES:

- Unique E-Flexibility™ variability,
- Easy to transport, configurations can be preassembled in advance,
- Can be combined with NJ66A,
- Compact, extremely small size,
- Wide range of dynamics, clear fidelity,
- F.R.W.P.* principle applied,
- Outstanding lucidity of speech,
- Sound radiation with smooth waves,
- High directionality even on low frequency,
- Everyone himself is in the position to set up the optimal system for the given application.



ESAudio's development strategy is that the systems designed by the company should meet all kind of installation requirements, in terms of smaller or bigger rooms, both indoor and outdoor usage. Our pioneer innovation the ESA NJ series are unique in this context.

E-FLEXIBILITY™

With this patented innovation a quick and flexible system has been created, which ensures excellent sound quality. The adequate frequency flow in the auditorium and the sound intensity result in extremely powerful stereo effect. Applying F.R.W.P.* principle outstanding lucidity of speech and decisive dynamics of music can be experienced. Due to all those the listener gets a groundbreaking new, fully realistic sound experience.

The E-Flexibility™ system provides unique flexibility for the user. Combining the connections of the loudspeakers NJ66 and NJ12 reveals unlimited number of variations. From connecting the small size compact loudspeakers through on creation big size line array systems and setting up of the line array blocks of new generation practically everything can be carried out quickly, precisely and efficiently. This variability is ensured by the new ESA standard connection hardware. When connecting the elements, extremely precise, fine adjustments can be done. Vertically, the connection angles can be adjusted between 0-6 degrees for the pairs. Horizontally, 4 pieces of NJ12A elements can be put together. In this case, the horizontal angle of radiation spreads to the range 60 degrees @100Hz. The loudspeakers are waterproof, with a solid polycarbonate composite coating. As the result of the cardioid effect the basses have lower reflection to the stage. Based on our patent, this radiation activity can be executed by every single device separately.

The E-Flexibility™ system is excellent also from logistics point of view: shaping the elements according to the Euronorm requirements ensure favourable transportation conditions. As background works, the cabinets can be joined in advance, which ensures the opportunity of quick and flexible application on the spot.

* F R W P - FULL RANGE WAVE PLANE The wave plane created or established in the full range.



ENGINEERING SOUND AUDIO

Compact cardioid bass loudspeaker - passive **E-Flexibility™** system

FREQUENCY RESPONSE	60 Hz - 500 Hz ± 3 db
RECOMMENDED POWER OF AMPLIFIER	700 W
SENSITIVITY	99 dB
MAXIMUM SOUND PRESSURE	126 dB continuous, 131 dB peak
DISPERSION ANGLE	100 degrees horizontally x 100 degrees vertically
NOMINAL IMPEDANCE	8 ohm
BASS	300 mm (12")
MID/BASS	—
HIGH FREQUENCY	—
CROSSOVER	400 Hz active FIR Filter
ENCLOSURE	Laminated birch ply
SUSPENSION HARDWARE	E-Flexibility™
FINISH	Textured water resistant black paint
GRILL	Black perforated steel (touring version only)
CONNECTOR	2 x Neutric power cone 2 x Neutric XLR
DIMENSIONS	(W) 390 mm x (H) 364 mm x (D) 600 mm (W) 15.4 ins x (H) 14,3 ins x (D) 23,6 ins
WEIGHT FOR TRANSPORT	25,9 kg (56,98 lbs)

