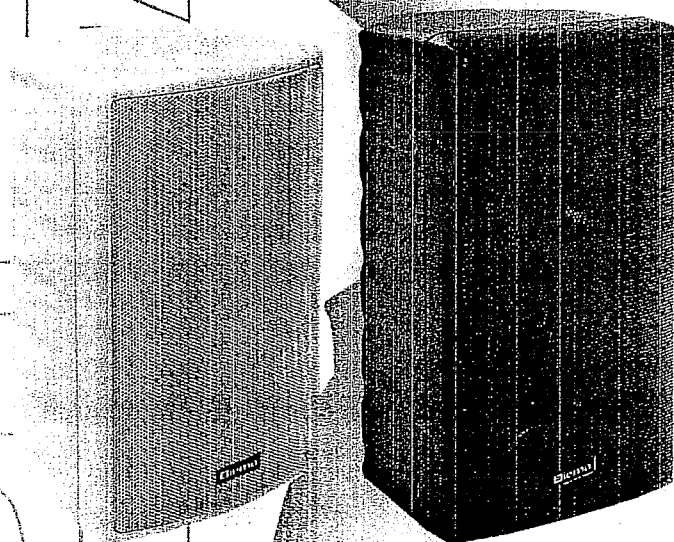


OWNER'S MANUAL

PUBLIC BROADCAST CONFERENCE SYSTEM

PP SERIES PLASTIC CABINET

PP50B/W



Biema
PROFESSIONAL SOUND U.S.A.

Biema PP Series PLASTIC CABINET Technical Specifications and Introduction

PP50B/W

1. Introduction

Biema PP series is a two-way plastic speaker. Each speaker unit is carefully selected and the equivalent volume of its cabinet is determined after it is tested with the most sophisticated computer software; all the PP plywood has been given special acoustic treatment. The layout of inverters and sound-absorbing materials and the development of frequency modulators are systematically tested, adjusted and proven to be fit for optimal operation. Each unit is given a 300-minute warming-up before it is ready for use. During the assembly process, the parameter of each unit is under strict monitoring and infidelity is reduced to the minimum.. All speakers are available in a different model designed to make it easy for wall and ceiling mounting.

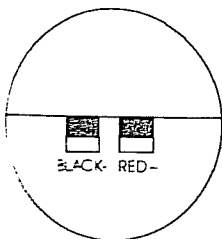
PP series is a two-way reflex full-range speaker whose woofer is designed to have a big long-stroke symmetrical magnetic circuit with a small Q, great damping and no separate vibration. With its great analyzability and good directivity of horns, it is suitable for use in public entertainment ground and Kara OK hall.

2. Ways of installation and connection

In order for the convenience of utilization and installation for **Biema PP** serial speciality speaker-box,

All speak-boxes unify the connecting way.

The rear connecting figure of speak-boxes as below:



Rear Connecting Figure

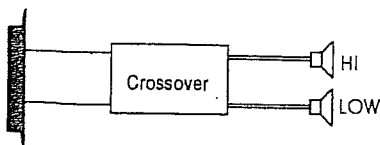
A way of press connection is used for convenient.

Steady and reliable installation.

And extra a high magnitude instructions peak are utilized for the power instruction.

The internal connecting way of **Biema PP** serial speciality speaker-box.

Adopt different way according to different type of speaker-box. The connecting way of cs serial low frequency as below:



+and - as the input end of all low frequency unit for speaker-box interior.

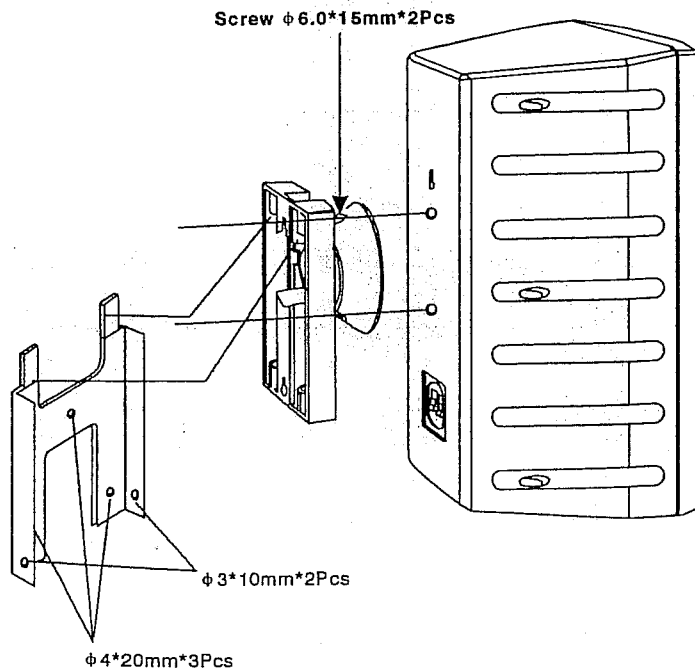
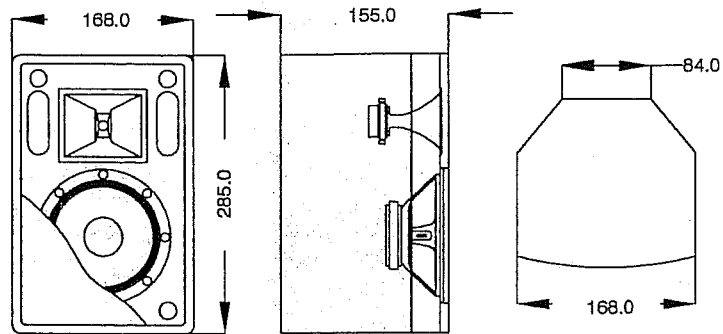
(Note that the impedance of the speaker must match power amplifier at the moment).

3. Warning

The speaker should not be overloaded at peak power for a long time so as to keep the unit from being damaged.

Technical data \$ Introduction

FREQUENCY RESPONSE	80Hz-18 kHz
COMPONENTS	Low T05W/35
DIRECTIVITY ANGLE	H100° *V50°
IMPEDANCE	8 ohm
LONG-TERM POWER (RMS)	35 W
POWER PEAK	70W/5Min
SENSITIVITY	86dB(2.83V/m)
MAXIMUM SPL (CALCULATED)	104dB
DIMENSIONS	285*168*155 (450*200*320)
N.W/G.W	3.6/4.7kg



Loudspeaker Installation guide

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