

BOGEN®

MT300M Matching Transformer Module (250W Max)



Product Description

Optimize your background music/paging system's performance when driving 70.7V transformer-based speakers using the MT300M with direct drive Class D audio power amplifiers.

The MT300M will provide broadest range of sound pressure level when utilizing Bogen's Class D direct drive amplifiers in 70.7V retrofit installations where the loudspeakers and wiring are being reused and the overall wire lengths, wire gauge, and the loudspeaker power tap settings are unknown.

Features and Benefits:

- + Single unit per amplifier output channel
- + Rack or wall mounting options
- + Convenient phoenix style plug connectors

Applications Table

(Amplifiers used with the MT300M must be capable of setting a high-pass (low-cut) filter at a minimum of 50Hz to prevent distortion that can occur due to transformer saturation.)

	25V	70V	Retrofit
PS60	-	✓	✓ ($R^*>50\Omega$)
PS120	-	✓	✓ ($R^*>50\Omega$)
PS240	-	✓	✓ ($R^*>50\Omega$)
PS600	-	-	-
NQ-A2060-G2	-	✓	✓ ($R^*>50\Omega$)
NQ-A2120-G2	-	✓	✓ ($R^*>50\Omega$)
NQ-A2300-G2	-	-	-
NQ-A4060-G2	-	✓	✓ ($R^*>50\Omega$)
NQ-A4120-G2	-	✓	✓ ($R^*>50\Omega$)
NQ-A4300-G2	-	-	-
NQ-PA120	-	✓	✓ ($R^*>50\Omega$)
NQ-PA240	-	✓	✓ ($R^*>50\Omega$)
NQ-PA600	-	-	-

*R= Total Impedance in Ohms