

Mobile PA Amplifiers



◀CA-200 & CA-400/600DN

USER BENEFITS

- ▶ Compact, elegant styling complements all vehicle and boat interiors.
- ▶ User-friendly controls allow for easy operation.
- ▶ Rugged construction withstands rough use for trouble-free operation.
- ▶ 40 and 60 Watt models fit vehicle radio "cut-outs" for permanent, theft-resistant installation.
- ▶ Three models available in 20, 40 and 60 Watts for a variety of applications.
- ▶ All hardware and wiring included for convenient installation.

TOA's newest mobile amplifiers combine compact, elegant styling with rugged construction to fit a variety of applications. Ideally suited for permanent installation in automobiles, trucks or boats, TOA's CA Series provides the basis for a small but powerful vehicle PA system. The amplifiers' clean, pure design complements today's luxurious vehicular and marine interiors. They are also ideal for fixed installation use as a stand-by, emergency paging amplifier.

To provide many options, the CA Series offers three models in three separate power outputs: the CA-200 at 20 Watts, the CA-400DN at 40 Watts and the CA-600DN at 60 Watts. Each unit can be connected to a single 8 ohm speaker or to two 4 ohm speakers for wider coverage, such as to the front and rear of a vehicle or boat. All input jacks and controls are mounted on the front panel for fast access and are user-friendly to guarantee easy operation.

Every unit has two microphone inputs, each with its own volume control, plus an auxiliary line input for connecting a radio,

tape player or other audio source. A slim-line, hand-held, unidirectional paging microphone comes with each unit and features a lock-on/lock-off talk switch and a 6' coiled cord. For quick access, the microphone can hang conveniently near the amplifier with the supplied mountable holder. The DC power wiring is fitted with an in-line fuse holder, making the fuse accessible if excess current should cause it to blow.

To ensure security, a plug-in wiring harness for the DC power and speaker connections is included, allowing easy removal of the amplifier from a vehicle. For permanent, theft-resistant installation, the CA-400DN and CA-600DN are fully compliant with DIN standards for mounting in radio "cut outs" on the dashboard or console of most vehicles. These two models also include a multi-hole suspension bracket to firmly support the unit, particularly for under dash mounting. All models come supplied with a "U" mounting bracket and machine screw hardware to facilitate installation in a variety of situations.

SPECIFICATIONS

CA-200, CA-400DN & CA-600DN MOBILE AMPLIFIERS

PERFORMANCE	Frequency Response	100 Hz - 10 kHz
	Total Harmonic Distortion	< 5% at rated output
	Noise Floor (below rated output):	
	CA-200	> -74 dB (controls at min) > -64 dB (controls at max)
	CA-400DN	> -82 dB (controls at min) > -65 dB (controls at max)
	CA-600DN	> -83 dB (controls at min) > -66 dB (controls at max)
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INPUTS/OUTPUTS	Inputs (sensitivity / impedance)	
	Mic 1 & 2	4 mV / 600 ohms
	Auxiliary	500 mV / 10 k ohms
	Outputs (output/load):	
	CA-200	20 W / 4 ohms, 10 W / 8 ohms
	CA-400DN	40 W / 4 or 8 ohms
CA-600DN	60 W / 4 or 8 ohms	
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FUNCTIONS	Input Volume Controls	Mic 1 and 2
	Power	Push-on / push-off switch
	Input Jacks	1/4" for Mic 1, 2 and aux line (accepts tip/sleeve 1/4" jacks)
	Indicator	Power on LED
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PHYSICAL	Enclosure:	
	CA-200	Black front panel, painted steel chassis
	CA-400DN & CA-600DN	Black front panel, anodized steel chassis
	Dimensions (W" x H" x D")	
	CA-200	4.72 x 2.36 x 6.69
	CA-400DN & CA-600DN	7.00 x 1.97 x 7.15
	Power requirements (at rated output):	
	CA-200	10 V - 16 V DC. 2.8 A
	CA-400DN	10 V - 16 V DC. 5.5 A
	CA-600DN	10 V - 16 V DC. 9.0 A
	Weight (lbs)	
CA-200	1.5	
CA-400DN	3.1	
CA-600DN	4.0	

All specifications are subject to change without notice.

APPLICATIONS

- ▶ Construction vehicles.
- ▶ Law enforcement vehicles.
- ▶ Fire and other emergency vehicles.
- ▶ Boats.
- ▶ Battery powered emergency back-up for paging systems.

FEATURES

- ▶ Compact, elegantly styled, 12V DC amplifiers for public address use.
- ▶ Three models in 20, 40 and 60 Watts.
- ▶ Two microphone inputs with separate volume controls.
- ▶ Uni-directional microphone with on/off switch included with each model.
- ▶ Auxiliary/line input for connecting tape player, radio or portable CD.
- ▶ CA-400DN and CA-600DN are DIN standard size to fit dashboard or console radio slots.
- ▶ Mounting brackets, hardware and wiring are included with each model.

THE TOA ADVANTAGE

- ▶ Number one choice of sound contractors for eight years running.
- ▶ Two-year, no questions asked product warranty.
- ▶ Same day shipment on most orders.
- ▶ Delivering rugged and innovative products worldwide for more than 60 years.



TOA

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