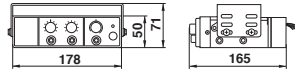


In-vehicle Amplifiers Compact body (DIN standard) can be easy to mount at dashboard.

NDA-602A



Simple new designs concentrate controls in easy-to-use layouts to improve both access to individual functions and overall operability. 2 microphone inputs and AUX input are provided with DIN size amplifier. Speech position of tone control can make high and low attenuated for perfect broadcast.



Power supply	DC 10~16V (DC 12V battery, minus earth)
Current consumption	8A
Rated output	60W
Output load impedance	4Ω/8Ω Switchable plug-receptacle connector
Frequency response	250Hz~10kHz ±3dB
Inputs	MIC1, 2: -52dBV 600Ω Unbalanced with volume control AUX: -22dBV 10kΩ, Balanced
Finish	Panel (ABS resin): Black Case (Coated steel plate): Black
Mass	Approx. 1.6kg

Option
Speaker connection cable
LS-404
LS-504

NDA-402A



Simple new designs concentrate controls in easy-to-use layouts to improve both access to individual functions and overall operability. 2 microphone inputs and AUX input are provided with DIN size amplifier. Speech position of tone control can make high and low attenuated for perfect broadcast.



Power supply	DC 10~16V (DC 12V battery, minus earth)
Current consumption	5.5A
Rated output	40W
Output load impedance	4Ω/8Ω Switchable plug-receptacle connector
Frequency response	250Hz~10kHz ±3dB
Inputs	MIC1, 2: -52dBV 600Ω, Unbalanced with volume control AUX: -22dBV 10kΩ, Balanced
Finish	Panel (ABS resin): Black Case (Coated steel plate): Black
Mass	Approx. 1.5kg

Option
Speaker connection cable
LS-404
LS-504

NDA-202A / <NDA-204A>



Simple new designs concentrate controls in easy-to-use layouts to improve both access to individual functions and overall operability. 2 microphone inputs and AUX input are provided with DIN size amplifier. Speech position of tone control can make high and low attenuated for perfect broadcast.



Power supply	DC 10~16V (DC 12V battery, minus earth) DC 20~32V (DC 24V battery, minus earth) <NDA-204A>
Current consumption	3A 1.5A <NDA-204A>
Rated output	20W
Output load impedance	4Ω/8Ω switchable plug-receptacle connector
Frequency response	250Hz~10kHz ±3dB
Inputs	MIC1, 2: -52dBV 600Ω Unbalance with volume control AUX: -22dBV 10kΩ, Balanced
Finish	Panel (ABS resin): Black Case (Coated steel plate): Black
Mass	Approx. 1.1kg

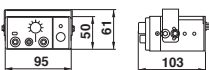
Option
Speaker connection cable
LS-404
LS-504

NT-102A / <NT-104A>



Two microphone inputs are provided, one for dynamic microphone and the other for ECM compatible microphone (only one can be used at time.), making it possible to select the microphone suited to varying purpose.

Power supply	DC 10~16V (DC 12V battery, minus earth) DC 20~32V (DC 24V battery, minus earth) <NT-104A>
Current consumption	1.5A, 1.0A <NT-104A>
Rated output	10W
Output load impedance	4Ω/8Ω switchable plug-receptacle connector
Frequency response	250Hz~10kHz ±3dB
Inputs	MIC: -52dBV 600Ω, Unbalance with volume control MIC(ECM): -34dBV 600Ω, Unbalance with volume control AUX: -22dBV 10kΩ, Balanced
Finish	Panel (ABS resin): Black Case (Coated steel plate): Black
Mass	Approx. 0.6kg



Option
Flexible microphone(ECM)
ME-40
Speaker connection cable
LS-404
LS-504

Flexible Microphone (ECM)

ME-40



Frequency response	100Hz~5kHz
Microphone	Unidirectional electret condenser microphone
Finish	(Alumite): Black
Mass	Approx. 140g

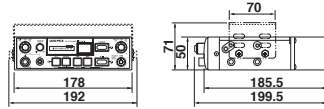
In-vehicle Amplifiers with SD Recorder Compact body(DIN standard)

NDS-402A / <NDS-404A>



Unlike analog media like cassette tape, SD is made using digital signal, so its sound quality does not change over time and environmental.

With SD data file management system, it is easy to search and play files quickly. The amplifier can also have record and auto sound fader function, so broadcasted sound and voice by the amplifier can be recorded with attenuated sound on a job. Sound fader function can be operated auto mode, manual mode, and also enforced mode with external equipment.



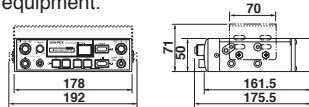
Power supply	DC 10~16V (DC 12V battery, minus earth) DC 20~32V (DC 24V battery, minus earth) <NDS-404A>	Option Speaker connection cable LS-404 LS-504
Current consumption	6.0A, 3.0A <NDS-404A>	
Rated output	40W	
Output load impedance	4Ω/8Ω switchable plug-receptacle connector	
Frequency response	250Hz~10kHz ±3dB	
Inputs	MIC: -52dBV 600Ω, Unbalance with volume control AUX: -22dBV 10kΩ, Unbalanced	
Media	SD, SDHC (16MB~32GB, without SDXC)	
File system	FAT12, FAT16, FAT32	
Audio companding system	MP3	
Bit rate	32kbps~320kbps (PLAY), 128kbps (REC)	
Finish	Panel (ABS resin): Black Case (Coated steel plate): Black	
Mass	Approx. 1.4kg	

NDS-202A / <NDS-204A>



Unlike analog media like cassette tape, SD is made using digital signal, so its sound quality does not change over time and environmental.

With SD data file management system, it is easy to search and play files quickly. The amplifier can also have record and auto sound fader function, so broadcasted sound and voice by the amplifier can be recorded with attenuated sound on a job. Sound fader function can be operated auto mode, manual mode, and also enforced mode with external equipment.



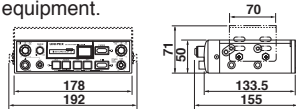
Power supply	DC 10~16V (DC 12V battery, minus earth) DC 20~32V (DC 24V battery, minus earth) <NDS-204A>	Option Speaker connection cable LS-404 LS-504
Current consumption	3.0A, 1.6A <NDS-204A>	
Rated output	20W	
Output load impedance	4Ω/8Ω switchable plug-receptacle connector	
Frequency response	250Hz~10kHz ±3dB	
Inputs	MIC: -52dBV 600Ω, Unbalance with volume control AUX: -22dBV 10kΩ, Unbalanced	
Media	SD, SDHC (16MB~32GB, without SDXC)	
File system	FAT12, FAT16, FAT32	
Audio companding system	MP3	
Bit rate	32kbps~320kbps (PLAY), 128kbps (REC)	
Finish	Panel (ABS resin): Black Case (Coated steel plate): Black	
Mass	Approx. 1.4kg	

NDS-102A / <NDS-104A>



Unlike analog media like cassette tape, SD is made using digital signal, so its sound quality does not change over time and environmental.

With SD data file management system, it is easy to search and play files quickly. The amplifier can also have record and auto sound fader function, so broadcasted sound and voice by the amplifier can be recorded with attenuated sound on a job. Sound fader function can be operated auto mode, manual mode, and also enforced mode with external equipment.



Power supply	DC 10~16V (DC 12V battery, minus earth) DC 20~32V (DC 24V battery, minus earth) <NDS-104A>	Option Speaker connection cable LS-404 LS-504
Current consumption	1.6A, 0.8A <NDS-104A>	
Rated output	10W	
Output load impedance	4Ω/8Ω switchable plug-receptacle connector	
Frequency response	250Hz~10kHz ±3dB	
Inputs	MIC: -52dBV 600Ω, Unbalance with volume control AUX: -22dBV 10kΩ, Unbalanced	
Media	SD, SDHC (16MB~32GB, without SDXC)	
File system	FAT12, FAT16, FAT32	
Audio companding system	MP3	
Bit rate	32kbps~320kbps (PLAY), 128kbps (REC)	
Finish	Panel (ABS resin): Black Case (Coated steel plate): Black	
Mass	Approx. 1.1kg	

Speaker connectors

LS-404



Connector Bullet terminal
Length 4m

LS-504



Connector 2P metal connector
Length 4m