



**okazo**  
The sound option

**SOUND SYSTEM**



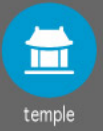
# GPA-820 | GPA-828

## 120W Wireless Portable Sound System

It's combined a great sound quality and multi-functional modular combination feature for users. With Duo-channel receiver and scan mode will bring more conveniences to prompt setting up installations for indoor or outdoor activities and easy to move on when using! Incredible sonic performance and extremely power driver deliver incredible sound reproduction, loud and clear.

### Features:

- 120W power output (max).
- Two-way speaker - 8" woofer and 1" tweeter - deliver great sound projection.
- Supports max two ACS receiver modules (DR-501A) or Duo receiver modules (DR-500) allows 4 wireless microphones to operate concurrently.
- Duo-receiver provides SCAN function for a clear channel to use, and SYNC to target microphones at same channel as receiver.
- Integrated Bluetooth function for audio streaming from smartphone and tablet.
- Built-in Echo sound effect & delay applied on wireless mics and audio inputs (GPA-828 only).
- Various audio player modules for option - MP3, CD, DVD, pitch control or recording - at users' choice.
- Voice priority allows a reduced music volume when a microphone is used.
- 4-segment battery meter for charging and power status reading.
- Two power models - AC or Battery powered.
- Runs 4-6 hours on a charge (built-in battery charger).
- Quick-acting charged fully in 2 hours.
- Retractable handle and wheels allow users to move without difficulty.



temple



busking



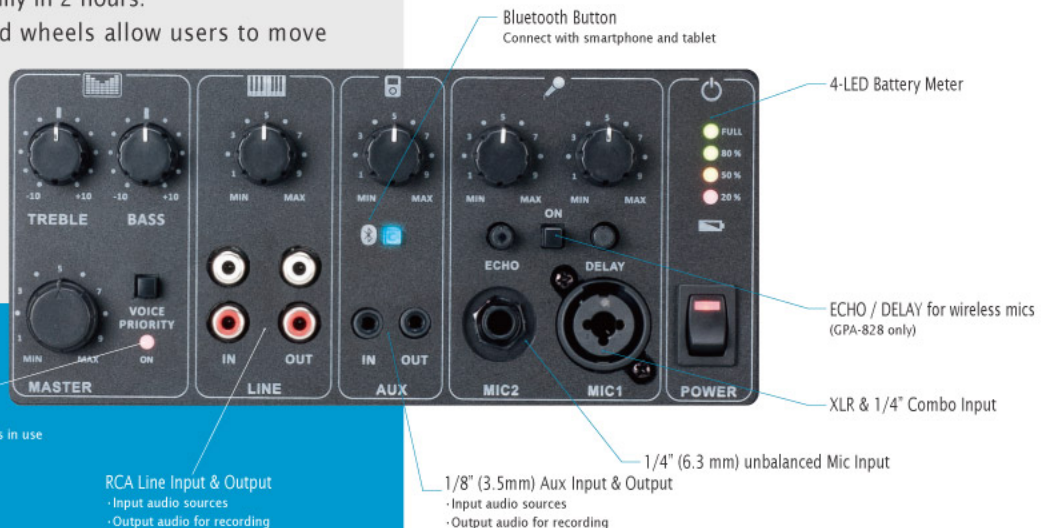
stadium



conference center



fitness center





4 mic



bluetooth



audio link



clean channel



battery meter

Retractable Handle

UHF Duo Receiver DR-500 or DR-501A  
 · 16 or 96 selectable channels  
 · Scan / Sync mode intergrated

Audio Player  
 · CD-800R (recording)  
 · CD-800S (pitch control)  
 · UM-502P (USB/SD MP3)

MIC / LINE Switch  
 Switch signal input of MIC level  
 or Line level  
 (GPA-820 only)

UHF Audiolink Transmitter TX-701-820  
 16 or 96 selectable channels

Built-in Rechargeable Battery  
 Lead-Acid, 4.5Ah x 2

Sturdy wheels

Speaker Stand Adaptor



EJ-7XT+  
Bodypack Transmitter



EJ-7T+  
Bodypack Transmitter



EJ-701TM+  
Handheld microphone



EJ-701TS+  
Handheld microphone

Specifications	Portable PA
Output power	120W (max.) / 80W (RMS)
Speaker	8" woofer and 1" tweeter
Receiver modules	DR-501A or DR-500, up to 2
Audio inputs	Combo/6.3Φ-Mic in, 3.5Φ- Aux in, RCA-Line in, MIC/LINE Switch
Bluetooth Receiver	Built-in
Effects	ECHO / DELAY (GPA-828 only)
Audio outputs	3.5Φ- Aux OUT, RCA-Line out
Power requirements	100~240 VAC switching power supply
Battery	12V, 4.5 Ah x 2 (Lead-Acid) rechargeable batteries
Battery indicator	4 LEDs to indicate battery autonomy status
Operating life	4 ~ 6 hours
Charging time	6 ~ 8 hours
Dimensions (D x W x H)	264 x 301 x 511 (mm)
Weight	Approx. 16 kg (35 lbs), batteries included

Specifications	Wireless System
Oscillation type	PLL synthesized control OSC
Carrier frequency range	514 ~ 865 MHz (country dependent)
Receiver mode	Scan, Sync, manual
Adjustable channels	16 or 96 preset channels, by frequency range
Display status	Channel number, signal strength
Switching bandwidth	Max. 12 MHz
Ambient temperature	-10 °C ~ 50 °C
Maximum deviation	80 kHz, with level limiting
Squelch	Tone key and noise lock dual-squelch
Frequency response	70 Hz ~ 17 kHz
Operating range	50 ~70 M (open field)

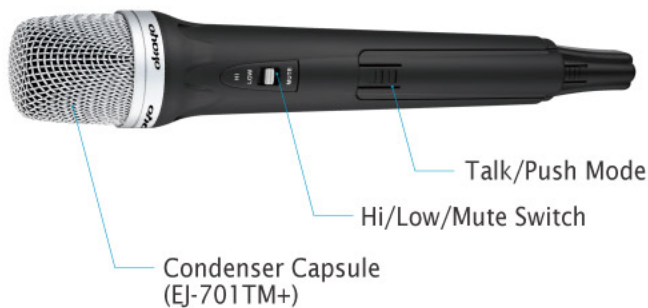
·Specifications are subject to change

# Microphones & Transmitters

## UHF Handheld Microphone

**EJ-701TS+**

**EJ-701TM+**



HDC-702  
Charger

Specifications	EJ-701TS+   EJ-701TM+
Mike	Dynamic (EJ-701TS+), Condenser (EJ-701TM+)
Frequency range	514 ~ 865 MHz (country dependent)
Adjustable channels	16 or 96 preset channels, by frequency range
Antenna	Built-in
RF output	10 mW
AF control	Hi/ Low/ Mute switch
Battery	2 x AA 1.2 V (Ni-MH, 1600 mAh), 2 x AA 1.5 V (Alkaline)
Battery life (Ni-MH)	8 hours typical
Battery life (Alkaline)	14 hours typical
Dimensions (Dia x L)	46 x 264 (mm)
Weight	237 g (EJ-701TS+) / 186 g (EJ-701TM+) (with batteries)

· Specifications are subject to change

## UHF Bodypack Transmitter

**EJ-7T+**

**EJ-7XT+**



HDC-707  
Charger

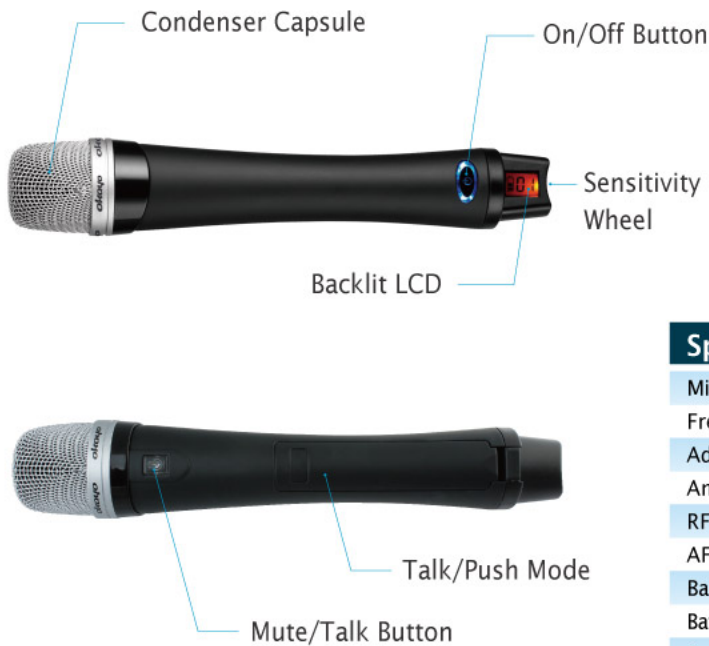
Specifications	EJ-7T+   EJ-7XT+
Mike	Condenser capsule
Frequency range	514 ~ 865 MHz (country dependent)
Adjustable channels	16 or 96 preset channels, by, frequency range
Antenna	Flexible antenna
RF output	10 mW
Audio inputs	Mic in, Aux in
Input jack	3.5mm "push-fit" mic jack (EJ-7T+), mini XLR (EJ-7XT+)
AF controls	Mute button, Hi/Mid/Low switch
Battery	2 x AA 1.2 V (Ni-MH, 1600 mAh), 2 x AA 1.5 V (Alkaline)
Battery life (Ni-MH)	8 hours typical
Battery life (Alkaline)	14 hours typical
Dimensions (D x W x H)	26 x 64 x 88 (mm)
Weight	170 g (with batteries)

· Specifications are subject to change

# Microphones & Transmitters

## UHF Handheld Microphone

**EJ-501TM**



HDC-503  
Charger

Specifications	EJ-501TM
Mike	Condenser capsule
Frequency range	514 ~ 865 MHz (country dependent)
Adjustable channels	16 or 96 channels, by frequency range
Antenna	Built-in
RF output	10 mW
AF control	Talk / Mute button
Battery	2 x AA 1.2 V (Ni-MH, 1600 mAh), 2 x AA 1.5 V (Alkaline)
Battery life (Ni-MH)	13 hours typical
Battery life (Alkaline)	20 hours typical
Dimensions (Dia x L)	37 x 200 (mm)
Weight	140 g (with batteries)

· Specifications are subject to change

## UHF Pendant Transmitter

**EJ-5T**



HDC-502  
Charger

Specifications	EJ-5T
Mike	Condenser capsule
Frequency range	514 ~ 865 MHz (country dependent)
Adjustable channels	16 or 96 channels, by frequency range
Antenna	Built-in
RF output	10 mW
Audio inputs	Mic in, Aux in
Input jack	3.5mm "push-fit" mic jack
AF control	Talk / Mute button
Battery	1200 mAh (Lithium)
Battery life	12 hours typical
Dimensions (D x W x H)	34 x 52 x 88 (mm)
Weight	80 g (with battery)

· Specifications are subject to change

# Modules

## UHF ACS Receiver Module

DR-501A | DR-701A



Specifications	DR-501A   DR-701A
Carrier frequency range	514 ~ 865 MHz (country dependent)
Number of channel	16 ~ 96 channels, by frequency range
Antenna mode	Diversity
Preset mode	Auto / Scan / Sync
Sensitivity	4 $\mu$ V @ 30 dB SINAD
Double intermediate	130.6 MHz / 10.7 MHz
Adjacent channel performance	60 dB
RF spurious rejection	60 dB
IMD rejection	60 dB
Image rejection	70 dB
Dimensions (D x W x H)	DR-501A: 103 x 88 x 37 (mm) DR-701A: 128 x 88 x 37 (mm)
Weight	DR-501A: 90 g DR-701A: 110 g

## UHF Duo Receiver Module

DR-500 | DR-700



Specifications	DR-500   DR-700
Carrier frequency range	514 ~ 865 MHz (country dependent)
Number of channel	16 or 96 channels, by frequency range
Antenna mode	Dipole
Preset mode	Scan, manual
Number of receiver	2
Sensitivity	4 $\mu$ V @ 30 dB SINAD
Double intermediate	130.6 MHz / 10.7 MHz
Adjacent channel performance	60 dB
RF spurious rejection	60 dB
IMD rejection	60 dB
Image rejection	70 dB
Dimensions (D x W x H)	DR-500: 103 x 88 x 37 (mm) DR-700: 135 x 88 x 37 (mm)
Weight	DR-500: 88 g DR-700: 98 g

· Specifications are subject to change

## Digital Duo Receiver Module

DR-600



Specifications	DR-600
Frequency range	2.4 GHz
Number of receiver	2
Number of channel	16 Master & 16 Slave
LCD display mode	Channel · field intensity · A Channel battery capacity
Operating temperature	-10 °C ~ 60 °C
Sensitivity	- 85 dBm
T.H.D	< 1 %
Dimensions (D x W x H)	103 x 88 x 37 (mm)
Weight	72 g

## Infrared Receiver Module

IR-502



Specifications	IR-502
Number of volume knob	Two
Number of receiving channel	2 (CH. A: 2.3 MHz / CH. B: 2.8 MHz)
Power requirement	12 VDC
Current consumption	Approx. 200 mA
Dimensions (D x W x H)	128 x 88 x 37 (mm)
Weight	Approx. 100 g

· Specifications are subject to change

## AudioLink Transmitter Module

**TX-701**



**TX-701plus**



Specifications	TX-701
Carrier frequency range	514 ~ 865 MHz (country dependent)
Number of channel	16 ~ 96 channels, by frequency range
Display status	LCD readout, LED indicators
Controls	set, up, down, volume
RF output	10 mW or 30 mW (country dependent)
Spurious emission	< 250 nnW
Antenna	Built-in
Dimensions (D x W x H)	97 x 189 x 42 mm
Weight	240 g

Specifications	TX-701plus
Carrier frequency range	514 ~ 865 MHz (country dependent)
Number of channel	16 ~ 96 channels, by frequency range
Display status	LCD readout, LED indicators
Controls	set, up, down, volume
RF output	10 mW or 30 mW (country dependent)
Spurious emission	< 250 nnW
Antenna	Built-in
Dimensions (D x W x H)	97 x 189 x 42 mm
Weight	240 g

· Specifications are subject to change

## AudioLink Transmitter Module

**TX-701-820**



Specifications	TX-701-820
Carrier frequency range	514 ~ 865 MHz (country dependent)
Number of channel	16 ~ 96 channels, by frequency range
Display status	LCD readout, LED indicators
Controls	set, up, down, volume
RF output	10 mW or 30mW (country dependent)
Spurious emission	< 250 nnW
Antenna	Built-in
Dimensions (D x W x H)	103 x 88 x 37 (mm)
Weight	80 ± 5 g

· Specifications are subject to change



# Matched Modules Matrix



	GPA-550   560   570	GPA-580	GPA-650   660   670	GPA-680	GPA-750	GPA-820   828	GPA-850
<b>DR-701A</b> UHF					✓		✓
<b>DR-700</b> UHF					✓		✓
<b>DR-501A</b> UHF	✓		✓			✓	
<b>DR-500</b> UHF	✓		✓			✓	
<b>DR-600</b> 2.4G		✓		✓			
<b>TX-701</b> UHF					✓		
<b>TX-701+</b> UHF							✓
<b>TX-701-820</b> UHF						✓	
<b>BX-701</b> Bluetooth					✓		
<b>BX-501</b> Bluetooth	✓	✓					
<b>CD-750S</b> 					✓	✓	✓
<b>DVD-750K</b> 					✓	✓	✓
<b>CD-800S</b> 					✓	✓	✓
<b>CD-800R</b> 					✓	✓	✓
<b>UM-502</b> 	✓	✓	✓	✓			
<b>UM-502P</b> 					✓	✓	✓

## Microphones

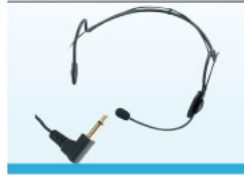
**LM-90A**  
Lapel Mic. (directional)



**LM-90C**  
Lapel Mic. (directional)



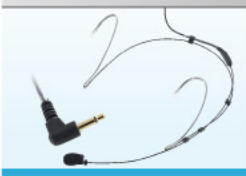
**HM-50A**  
Headset Mic. (directional)



**HM-50C**  
Headset Mic. (directional)



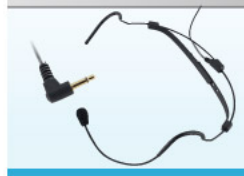
**HM-55A**  
Presentation Headset Mic. (directional)



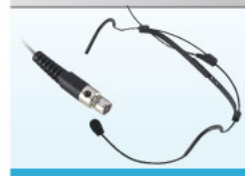
**HM-55C**  
Presentation Headset Mic. (directional)



**HM-65A**  
Sports Headset Mic. (directional)



**HM-65C**  
Sports Headset Mic. (directional)



## Music Players

**BX-501 Bluetooth**  
Bluetooth 3.0



**BX-701 Bluetooth**  
Bluetooth 3.0



**CD-750S**  
CD | USB | SD, Pitch Control



**CD-800R**  
CD | USB | SD, Recording



**CD-800S**  
CD | USB | SD, Pitch Control



**DVD-750K**  
CD | VCD | DVD | MP3



**UM-502**  
USB | SD



**UM-502P**  
USB | SD



## IR Sensor

**IRS-15**  
Wall Sensor



**IRS-20**  
Wall Sensor



**IRS-30**  
Dome Sensor



## Rechargeable Batteries

**GP-1600**  
Ni-MH (1.2 V, 1.6 Ah)



**LBT-1200**  
Lithium (3.7V, 1.2 Ah)  
(EJ-5T | EJ-5TI | EJ-6T)



**BT-2900**  
Lead Acid (12 V, 2.9 Ah)  
(GPA-550 | 650 | 750)



**BT-4500**  
Lead Acid (12 V, 4.5 Ah)  
(GPA-820 | 828 | 850)



**LBT-3000**  
Lithium (12 V, 3.0 Ah)  
(GPA-570 | 580 | 670 | 680)



**LBT-4400**  
Lithium (12 V, 4.4 Ah)  
(GPA-570 | 580 | 670 | 680)



**NBT-4500**  
Ni-MH (12 V, 4.5 Ah)  
(GPA-560 | 660)



## Other Parts

**CB-300**  
Carry Bag (GPA-300)



**CB-550**  
Carry Bag  
(GPA-550 | 560 | 570 | 580)



**CB-650**  
Carry Bag  
(GPA-650 | 660 | 670 | 680)



**CB-750**  
Dust Cover (GPA-750)



**CB-800**  
Dust Cover (GPA-850)



**CB-820**  
Dust Cover (GPA-820 | 828)



**ST-35**  
Tripod Stand



**ST-750**  
Tripod Stand



**BL-771 | BL-770 | BF-770**  
Bracket Kits



BL-770



BF-770

BL-771