



產品型錄

BT 101

BanTech®

Wireless Microphone Sound System



product feature

- Portable professional audio, microphone equipment
- Could be supporting a variety of modules

Item	Specification
Power :	AC 100v~240V 50Hz/60Hz
Power Output :	15W RMS / 40hms 27W(Max) / 20hms
Frequency Response:	20Hz~20kHz
Input sensitivity :	300mV
S/D :	≤0.1% (1W 1kHz)
S/N :	≥75dB
Speaker :	6.5" full range(40hms)
Audio Input :	(MIC) 6.3mm Stereo jack (AUX In) 6.3mm Stereo jack (Wireless)
Dimensions: (WxHxD)	220mm*313mm*240mm
Weight	5.6kg (With battery)

BT101

- Multi-function portable audio
- Internal 15W X1-Class D digital power amplifier
- External 15W X1-Class D digital power amplifier
- Speaker unit configuration 6.5 " full range speaker
- Speaker built-in UHF wireless receiver
- Wireless microphone module can be selected according to demand single frequency / dual frequency
- MP3 recording/play module can be play MP3 by USB, SD card music
- MIC/AUX/Wireless independent control of volume
- Treble / bass / sound quality adjustment effect
- AC power supply can be automatically charged
- The battery can last 3 to 4 hours

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BTR 103S / BTX 100M

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Hi-Fi audio transmission

product feature

- Hi-Fi audio transmitter
- 2.4G wireless transmission
- Power Output=25W/4Ω(RMS)



BTX100M

2.4 GHz wireless transmitter
Could transmit analog and digital audio
Connect multimedia source to play music
Built-in rechargeable lithium battery, sustainable work---for 10 hours

BTR103S

Used with BTX100M
Built-in 2.4 GHz wireless receiver
30W Class D power amplifier / SMPS power supply
Speaker configuration 6.5" woofer and 1" tweeter
According to the use of demand selected Mono or Stereo

Item	Specification
Power :	AC 100v~240V 50Hz/60Hz
Power Dissipation :	100W
Power Output :	25W RMS
Frequency Response:	20Hz~20kHz
Input sensitivity :	300mV
S/D :	≅0.1% (1W 1kHz)
S/N :	≧75dB
Speaker	WOOFER 6.5" \ tweeter 1"
Audio Input :	3.5mm jack*1 USB*1
Dimensions: (WxHxD)	BX100M: 110mm*80mm*95mm BTR103S: 240mm*200mm*320mm

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BT105N\TX-Mixer

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5.8GHz

Audio transmit mixer

TX-Mixer

- 5.8GHz audio transmitter
- Could transmit analog audio
- Connect multimedia audio to play music
- Built-in lithium battery,
---sustainable for 4 hours
- AUX1/AUX2 RCA jack stereo input
- Line 3.5mm jack stereo input
- XLR DJ Microphone input
- RCA jack stereo output
- 5 stage LED Level meter

TX-Mixer

Item	Specification
Power :	AC 100V~240V 50Hz/60Hz (DC 12V/1A)
Power Dissipation :	12W
Power Output :	2V(RMS)
Frequency Response:	20Hz~20kHz
Input sensitivity :	AUX/LINE IN : -17dBm MIC :-48.2dBm
S/D	≤0.1%
S/N	≥65(AUX)
Audio Input :	RCA jack*2 3.5mm jack*1 XLR-MIC *1
Audio output :	RCA jack* 1 5.8G wireless output
Dimensions(WxDxH)	185mm*220mm*68mm

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Subwoofer Amp & Stereo Amp output



- Class AB power amplifier design.
- Include auto standby power saving mode.
- Phase switch (0°/ 180°).
- Speaker configuration can be any match
- Short circuit/Temperature/DC Fault protection.
- Limiter circuit reduces distortion and increases intelligibility for guaranteed powerful and clear sound.

BT105N

Specifications

Item	
Power Output(RMS)	Subwoofer - 70W/ 4Ω
	Stereo - 30W*2/ 8Ω
Amplifier Type	Class AB
Frequency Response(AMP.)	20Hz~20KHz (0dB ~ -3dB)
Low Pass Frequency	20Hz~150Hz
Input Sensitivity	100mV
T.H.D	≤0.1 % @ Full Power
Noise	≤4mV
S/N	≥70dB
Auto Standby	YES
Standby Power	≤1W
Phase Switch	0°/ 180°
Crossover	30Hz~120Hz(Frequency adjustable)
Audio Input	Line In RCA Jack
Audio Output	Speaker Out Banana Jack
Dimensions(WxHxD)	274x284x110mm
Net Weight	6kg
Power Supply	220-240 Vac, 110-120 Vac For Certain Markets

5.8GHz



Can be installed 5.8G receiver box and TX-mixer with the use

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5.8GHz Wireless Audio Transmitter & Receiver

Upgrade your old & wired speakers, easy to connect the wireless plays music



- 5.8GHz wireless connectivity
- 30 M transmission ,wireless control music in a long distance
- 3.5mm jack, making connections more convenient
- USB bus-powered

BT106X

Specifications		
Item	RX	TX
Power Supply	DC 5V/1A	
Power Dissipation	2W	3W
Power Output(RMS)	1V	
Frequency Response	20Hz~12kHz (-1dB ~ -3dB)	
Input Sensitivity		600mV
T.H.D	≤ 1.2%	
S/N	≥ 65dB(AUX)	
Audio Jack	3.5mm jack output	3.5mm jack input
Dimensions(WxHxD)	62x37x94mm	62x24x94mm

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USB Audio Interface

It's most compact interface.

It's easy to take anywhere, with a USB connection, a microphone, and a guitar; you can start recording right away.



BTS01

- Phantom power +48 V
- 1 Mic :XLR / 6.3 mm jack combo balanced
- 1 AUX in / instrument
- Line outputs: RCA jack balanced
- Stereo headphone output: 6.3 mm jack
- USB bus-powered

Outline		BTS01
Mixing capability & I/O	Mixing channels	Hi-z/Lo-z + Aux in + USB (Sound Card)
	AUX Input	Stereo (6.3ΦPhone Jack)
	MASTER	Stereo (RCA Jack)
	Mic Inputs	1 (Hi-z/Lo-z) Balance(XLR) & Unbalance
	Phantom power	+48V DC ; ON/OFF
	Head phone	6.3ΦPhone jack
	Direct/Inset switch	Mixer / Mixer + Sound Card
	Power and others	Micro USB→(5V Power Supply) USB Type-B(USB2.0)→(PC)
General specifications		
Total harmonic distortion		Less than 0.3%
Frequency response		20Hz-20kHz (0 ~ -3dB)
Mic. In Gain Range (Trim)		40dB
Maximum input Level		+4dBm
Headphone output		≥ 40mw/8Ω
Mic. In to L/R output Level		-72dB
Aux in to L/R output Level		-34dB
Hum & noise level	Equivalent input noise	-120dBu (A-Weighted)
	Residual output noise	-64dBu (A-Weighted)
Crosstalk		≥ -60dB (at f=1KHz)
S/N		≥ 74dB (AUX in)
Impedance (Input)		Mic:150Ω · Aux In:47kΩ
Impedance (Output)		RCA:47kΩ · Headphone:8Ω
Sound card		
Sampling Rate: (16 bit)		8, 11.025, 16, 22.05, 32, 44.1, or 48 kHz
Others		
Power consumption		DC 5V / 1A (Micro USB)
Dimensions (W x H x D)		200(W)x49(H)x134(D) mm

*dBm=775mV

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Subwoofer Amplifier

- Class AB power amplifier design.
- Include auto standby power saving mode.
- Phase switch (0°/ 180°).
- Short circuit/Temperature/DC Fault protection.
- limiter circuit reduces distortion and increases intelligibility for guaranteed powerful and clear sound.

BTA-Series

Specifications			
Model	BTA100	BTA200	BTA350
Power Output(RMS)	100 W/4 Ω	200 W/4 Ω	350 W/4 Ω
T.H.D	≤0.3%@100W/4 Ω	≤0.3%@200W/4 Ω	≤0.3%@350W/4 Ω
	≤0.1 % @ 10W/4 Ω		
Amplifier Type	Class AB		
Frequency Response	20Hz~150Hz		
Input Sensitivity	120mV		
Noise	<4mV		
S/N	≥ 80dB		
Auto Standby	YES		
Standby Power	≤ 1W		
Phase Switch	0°/ 180°		
Low Pass Filter	40Hz~120Hz(Frequency adjustable)		
Audio Inputs	1.Line In RCA Jack 2.Speaker In Banana Jack		
Dimensions(WxHxD)	190x260x128mm	250x270x120mm	290x290x129mm
Net Weight	3kg	4.5kg	7kg
Power Supply	220-240 Vac, 110-120 Vac For Certain Markets		

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BTD-Series

Subwoofer Amplifier

- Class D power amplifier design.
- Include auto standby power saving mode.
- Phase switch (0°/ 180°).
- Short circuit/Temperature/DC Fault protection.
- limiter circuit reduces distortion and increases intelligibility for guaranteed powerful and clear sound.

Specifications

Model	BTD300	BTD500
Power Output(RMS)	300 W/4 Ω	500 W/4 Ω
T.H.D	≤ 0.3% @ 300W/4 Ω	≤ 0.3% @ 500W/4 Ω
	≤ 0.2% @ 10W/4 Ω	
Amplifier Type	Class D	
Frequency Response	20Hz~150Hz	
Input Sensitivity	300mV	
Noise	<4mV	
S/N	≥ 80dB	
Auto Standby	YES	
Standby Power	≤ 1W	
Phase Switch	0°/ 180°	
Low Pass Filter	40Hz~120Hz(Frequency adjustable)	
Audio Inputs	1.Line In RCA Jack 2.Speaker In Banana Jack	
Dimensions(WxHxD)	214x280x91mm	252x260x130mm
Net Weight	1.5kg	6.5kg
Power Supply	220-240 Vac, 110-120 Vac For Certain Markets	



Multitude subwoofer amplifier 3 unit 150W powered amplifier

- Include 3-150W Subwoofer Amp.
- Low power consumption.
- Low distortion amplifier.
- Include standby power saving mode.
- Signal compression circuit.
- Use high efficiency power mosfet.
- Amp efficiency $\geq 90\%$.
- Short circuit/Temperature/Overvoltage protection.



BTD3150

Specifications	
Model	BTD3150
Power Output(RMS)	150W//4 Ω *3
T.H.D	$\leq 0.1\%$ @ 10W/4 Ω
	$\leq 1\%$ @ 150W/4 Ω
Amplifier Type	Class D
Frequency Response	20Hz~150Hz
Input Sensitivity	110mV
Noise	<0.5mV
S/N	≥ 90 dB
Auto Standby	YES
Standby Power	≤ 1 W
Phase Switch	0°/ 180°
Crossover	30Hz~120Hz(Frequency adjustable)
Audio Inputs	1.High Level Speakon Connector 2.Low Level single RCA Jack 3.LFE RCA Jack
Audio Output	Output Speakon Connector
Dimensions(WxHxD)	484x380x105mm
Net Weight	6kg
Power Supply	120-240 Vac For Certain Markets

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Wireless Microphone System 2CH UHF Wireless Receiver



- Operating frequency: 740~789.750MHz
(Can be customized according to customer requirements band)
- Digital audio output: 48Kbps 24bit.
- Wireless transmission data rate: >100bps .
- Working distance: external antenna \geq 100M.

BUM200

Handheld Transmitter Specifications

Item	
Frequency Range	UHF 740~789.750MHz
Digital Modulation Mode	1/4 π DQPSK Occupied bandwidth:300KHz; Transmission rate:204.8Ksps
Dynamic Range	>100dB
RF Power Outout	>12dBm
Spurious Emission	>60dB Below Carrier
MAX. Deviation	75KHz

Technical Data-Receivers Specifications

Item	
Channels	Single Channe
Frequency Range	UHF 740~789.750MHz
Frequency Adjustment	Frequency Hopping Frequency
Digital Modulation Mode	1/4 π DQPSK
Stability	\pm 0.005%(-10~50°C)
Sensitivity	Sensitivity In The Offiset Is Equal To 25KHz. Input 4 μ V, S/N12dB
MAX. Deviation Range	\pm 55KHz
Image Rejection	>60dB
Frequency Response	30Hz~18KHz
S/N Ratio	>96dB(A)
T.H.D	<0.5% @ 1KHz

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BUM100

Wireless Microphone

UHF Wireless Receiver

- Operating Frequency:500~900MHz
(Can be customized according to customer requirements band)
- Working Distance: $\geq 30M$
- Digital Audio Output:48Kbps 24Bit
(Without DEF audio defeat)

Handheld Transmitter Specifications

Item	
Frequency Range	UHF 500~900MHz
Digital Modulation	1/4 π DQPSK
Dynamic Range	95dB
RF Power Outout	0~12dBm
Spurious Emission	>60dB Below Carrier
MAX. Deviation	75KHz

Technical Data-Receivers Specifications

Item	
Channels	Single Channe
Frequency Range	UHF 500~900MHz
Frequency Adjustment	Frequency Hopping Frequency
Digital Modulation Mode	1/4 π DQPSK
Stability	$\pm 0.005\%$ (-10~50°C)
Sensitivity	Sensitivity In The Offset Is Equal To 25KHz. Input 4 μ V, S/N12dB
MAX. Deviation Range	$\pm 55KHz$
Image Rejection	>60dB
Frequency Response	30Hz~18KHz
S/N Ratio	>96dB(A)
T.H.D	<0.5% @ 1KHz

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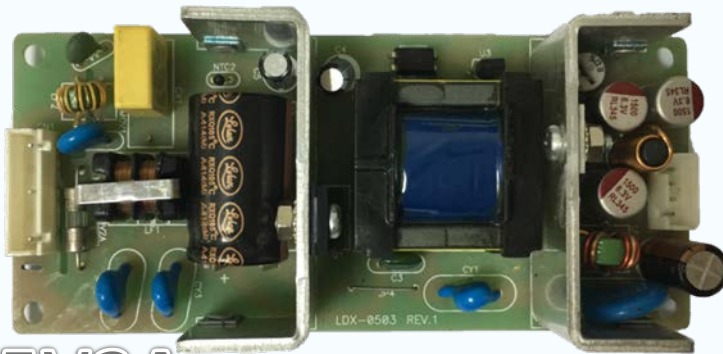
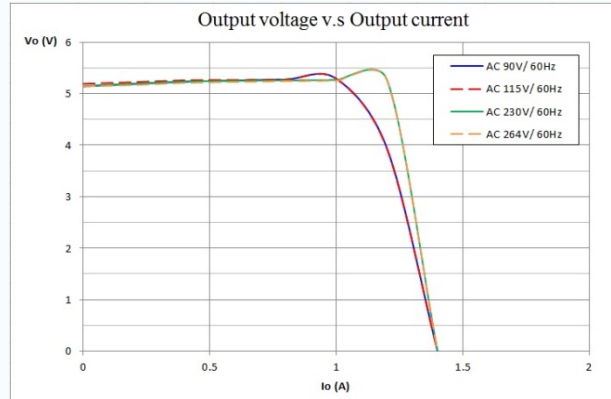
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Switch Mode Power Supply

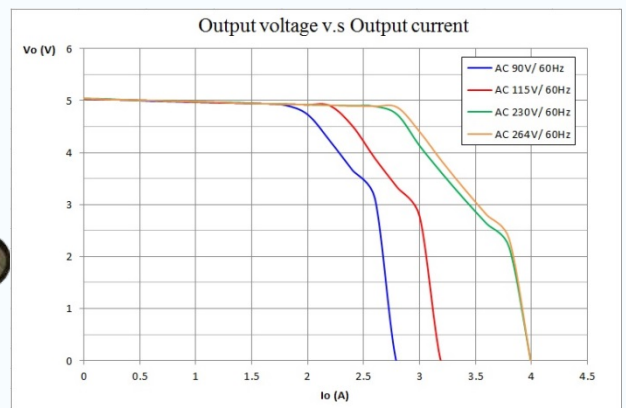
- EMI circuit



5V1A



5V3A



Switching Power Module		
MODEL	5V1A	5V3A
DC Output	5V/1A	5V/3A
Rate Output Power	5W	15W
Efficiency	>75%	
Ripple And Noise	≤ 100 mV	
Power Voltage	AC90V~264V	
Frequency	50/60 Hz	
Operating Temperature	0°C ~ +55°C	
Storage Temperature	-20°C ~ +80°C	
Dimensions(WxHxD)	65x32x22mm	115x50x23mm



Switch Mode Power Supply



BTV-Series

Protection System:

- Short circuit protection
- Over current protection
- Over voltage protection
- Temperature protection

Switching Power Module			
MODEL	BTV520	BTV920	BTV1220
DC Output	5V/2A	9V/2A	12V/2A
Rate Output Power	10W	18W	24W
Efficiency	>75%		
Ripple And Noise	≤ 100 mV		
Power Voltage	AC90V~264V		
Frequency	50/60 Hz		
Operating Temperature	0°C ~ +55°C		
Storage Temperature	-20°C ~ +80°C		
Dimensions(WxHxD)	50x22x60mm [1.97x0.87x2.36 inches] (WxHxD)		

USB Smart Charge Modules			
MODEL	BTV521	BTV524	BTQC3.0
DC Output	5V/2.1A	5V/2.4A	3.6~6.5V/3A
			6.5~9V/2A
			9~12V/1.5A
Rate Output Power	10.5W	12W	18W
Efficiency	>75%		
Ripple And Noise	≤ 100 mV		
Power Voltage	AC90V~264V		
Frequency	50/60 Hz		
Operating Temperature	0°C ~ +55°C		
Storage Temperature	-20°C ~ +80°C		
Dimensions(WxHxD)	37x21x50 mm	47x19x50 mm	50x22x60 mm
	[1.46x0.83x1.97 inches]	[1.85x0.75x1.97 inches]	[1.97x0.87x2.36 inches]



BTU-Series

Protection System:

- Short circuit protection
- Over current protection
- Over voltage protection
- Temperature protection

Dual Output Switching Power Module		
MODEL	BTU5-9	BTU5-12
DC Output①	5V/2.4A	5V/2.4A
DC Output②	9V/2A	12V/2A
Rate Output Power	30W	36W
Efficiency	>75%	
Ripple And Noise	≤ 100 mV	
Power Voltage	AC90V~264V	
Frequency	50/60 Hz	
Operating Temperature	0°C ~ +55°C	
Storage Temperature	-20°C ~ +80°C	
Dimensions(WxHxD)	50x22x84mm [1.97x0.87x3.31 inches]	

AC input plug: EU, US, UK, China, Japan, AUS types according to customer's choice
 Output plug: USB max 4-pin micro 1-pin or customer's choice
 Safety · EMC Standards cooperate with the need of the customer

- For Amplifier High power voltage efficiency



Switch Mode Power Supply

Protection System:

- Short circuit protection
- Over current protection
- Over voltage protection
- Temperature protection

BTP-Series

Switching Power Module		
MODEL	BTP300	BTP500
DC Output	±45V/2.5A	±47V/5.5A
Rate Output Power	300W	500W
Efficiency	>75%	
Power Voltage	AC90V~264V	
Frequency	50/60 Hz	
Operating Temperature	0°C ~ +55°C	
Storage Temperature	-20°C ~ +80°C	
Dimensions(WxHxD)	67x65.2x131 mm [2.64x2.57x5.16 inches]	105x67x110 mm [4.13x2.64x4.33 inches]

AC input plug: EU, US, UK, China, Japan, AUS types according to customer's choice

Output plug: USB max 4-pin micro 1-pin or customer's choice

Safety · EMC Standards cooperate with the need of the customer