

DIGITAL UHF PLL Wireless Assistive Listening System Ear Monitor System Series

DIGITAL *NEW DESIGN* DUR-78(RX)/DUT-78(TX)

- Operation range: $\geq 50m$
- Frequency Response: 50Hz~8KHz
- Latency: < 8ms
- Modulation mode: 4 GFSK
- AF Single mode: One bit over Sampling
- Battery: AAAx2 / 1.2V2(UM4) or (3.7V/500mA)



DUR-28/DUT-28 *NEW DESIGN* DIGITAL Tour guide system FULL Duplex transceiver Two way communication



DUR-68 + DUL-33W *NEW DESIGN* Teaching Microphone System



DIGITAL UHF PLL Wireless Assistive Listening System / Ear Monitor System Series

Tour guide use, oral multi-languages translating system, audio-visual language teaching, museum, visit auditoriums, art gallery, table conference, broadcast, outdoor activities and among many others.



UT-616F/UR-616F

Frequency range: 600MHz-960 MHz
UHF 16 users selectable channels
Microprocessor PLL synthesized controlled
3.5mm microphone in
3.5mm mono earphone out
External antenna for transmitter
Individual wheel to control the volume on receiver
Battery: AAAx2

UHF



UT-96(TX)/UR-96(RX)

Frequency range: 600MHz-960MHz
UHF 16 user selectable channels
UHF 96 user selectable channels(Optional)
3.5mm microphone/earphone jack
LOW BAT / channel LCD display
External antenna for transmitter/receiver
Volume control knob
Battery: AAAx2

UHF



UT-616L/UR-616L

Frequency range: 600MHz-960 MHz
UHF 16 users selectable channels
Microprocessor PLL synthesized controlled
3.5mm microphone in
3.5mm mono earphone out
External antenna for transmitter
Individual wheel to control the volume on receiver
Battery: AAAx2

UHF



UT-98(TX)/UR-98(RX)

Frequency range: 600MHz-960MHz
UHF 16 user selectable channels
3.5mm microphone/earphone jack
LOW BAT / channel LCD display
External antenna for transmitter/receiver
Volume control knob
Auto scan
Hidden microphone/earphone (Optional)
Battery: AAx2

UHF



UT-810 Wired microphone transmitter

UHF PLL synthesized 600-960MHz
Single channel transmitter/16 user selectable channels
6.3 XLR input jack, Audio RCA input jack
Audio/microphone transmitter system
AF/RF LED display
Operation range: 100 meters
DC-power 12V/500mA
Matching Receiver: UR-818F/UR-616L/UR-96/UR-616F
6.3Ø/3.5Ø EAR monitor-Vol control



UPL-83F/UR-818F

Frequency range: 600MHz-960MHz
UHF 16 users selectable channels
Mini XLR 3.5mm jack
3.5mm mono earphone out
External antenna for transmitter/receiver
Channel switch and volume control knob
Belt buckle with fixed screw

UHF



ET-218-3/ER-218-3

Frequency range: 160-250MHz
VHF band 3 channels (monaural)
Invisible in-built antenna designed
3.5mm microphone
3.5mm mono earphone jack
Channel switch
Battery: AAAx2

VHF

Charger sets

- 2 up to 108 pieces of wireless assistive listening system receivers or transmitters using two 1.2V rechargeable batteries
- It is smartly designed for overcharge protection and charge status.
- Easy carry, plug, charge with no space limited and no set up required
- To series connection of each charger sets with no number required.
- Power supply: AC: 100-240V±10%, DC:5V(2A-8A)



RC-11 Microphone charger

Battery Type : Ni-MH battery
 Charge time : about 5 hours
 Power Supply : AC 100-240V±10% DC 5V2Ah
 Charging status : Red LED-charging status /
 Green LED-Fully power

Applicable models :

- UT-32M Wireless handheld microphones
 - Can simultaneously charge two Microphones(UM-3 1.2Vx2) x2
- Dimensions : 70x75x88mm (WxHxD)
 Weight : 140g



RC-02 Charger set

RC-06 Charger set

RC-08 Charger set



RCB-20 Charger bag



RC-24/RC-30/RC-32/RC-40 Charger case



RCB-108 Charger closet

Tour guide Specification

Model code	ET/ER-2185-2	ET/ER-2185-3	UPL-83F/UR-818F	UT-616F/UR-616F	UT-96/UR-96
Microphone type	Condenser type/earphone	Condenser type/earphone	Condenser type/earphone	Condenser type/earphone	Condenser type/earphone
Oscillation mode	Crystal	Microprocessor PLL synthesized controlled	Microprocessor PLL synthesized controlled	Microprocessor PLL synthesized controlled	Microprocessor PLL synthesized controlled
Carrier frequency range	VHF 160-250MHz	UHF 600-960MHz, 863-865MHz	UHF 600-960MHz, 863-865MHz	UHF 600-960MHz, 863-865MHz	UHF 600-960MHz, 863-865MHz
Channel	preset channel	preset 16 channels	preset 16 channels	preset 16 channels	preset 96 channels
S/n ratio	80dB overall	80dB overall	80dB overall	80dB overall	80dB overall
Spurious emission	<-50dBc	<-50dBc	<-50dBc	<-50dBc	<-50dBc
Power requirement	<10mW	<10mW	<10mW	<10mW	<10mW
Current consumption	30mA±10mA	80mA±10mA/100mA±10mA	50mA±10mA/80mA±10mA	80mA±10mA/100mA±10mA	80mA±10mA/100mA±10mA
Sensitivity	-85dBm	-90dBm	-90dBm	-90dBm	-90dBm
Deviation	±15KHz	±40KHz	±40KHz	±40KHz	±40KHz
Stability	±0.005%	±0.005%	±0.005%	±0.005%	±0.005%
T.H.D	Less than 0.5%(At 1KHz)	Less than 0.5%(At 1KHz)	Less than 0.5%(At 1KHz)	Less than 0.5%(At 1KHz)	Less than 0.5%(At 1KHz)
frequency response	100Hz-15KHz(±3dB)	100Hz-15KHz(±3dB)	100Hz-15KHz(±3dB)	100Hz-15KHz(±3dB)	100Hz-15KHz(±3dB)
Antenna	Built in	External	External / Built in	External	External
Operation range	about 30m	60m(80-100 option)	40m(80-100 option)	50m(80-100 option)	50m(80-100 option)
Battery life	10hours	10hours	6-8 hours(Rechargeable battery)	6-8 hours(Rechargeable battery)	6-8 hours(Rechargeable battery)
Battery	AAAx2/1.2Vx2 (UM-4)	AAx2/1.2Vx2 (UM-3)	AAAx2/1.2Vx2(UM-4)	AAAx2/1.2Vx2(UM-4)	AAAx2/1.2Vx2(UM-4)
Dimension(WxHxD)mm	57x82x19	63x93x26	57x82x18	57x82x19	57x82x19
Weight	58g	85g	53g	60g	60g

Specification

Model number	RC-02	RC-06	RC-08	RC-12	
Number of charging	2	6	8		
Indicator light /Status(status for charging)	Red light : Battery charging/ Green light: full power				
Power supply(power requirement)	100-240V AC switching power supply, 5V DC/ 2A				
Rechargeable battery type	AAA x2	AA x2	AAA x2	AAA x2	
Charging time	4-5 hours	4-5 hours	4-5 hours	4-5 hours	
Matching transmitter and receiver	ET/ER-218 UT/UR-616 UT/UR-96	UPL-83F UR-818	ET/ER-218 UT/UR-616 UT/UR-96	ET/ER-218 UT/UR-616 UT/UR-96	
Dimensions	68x72x88(WxHxD)	90x68x280(WxHxD)	90x70x280(WxHxD)	100x60x480(WxHxD)	
Weight	153g	443g	510g	1.55kg	
Model number	RCB-20	RC-30	RC-32	RC-40	RCB-108
Number of charging	20	30	32	40	
Indicator light /Status(status for charging)	Red light : Battery charging/ Green light: full power				
Power supply (power requirement)	100-240V AC switching power supply, 5V dc/ 5A				
Rechargeable battery type	AAA x2	AA x2	AAA x2	AAA x2	AAA x2
Charging time	4-5 hours	4-5 hours	4-5 hours	4-5 hours	4-5 hours
Matching transmitter and receiver	ET/ER-218 UT/UR-616 UT/UR-96	UPL-83F UR-818	ET/ER-218 UT/UR-616 UT/UR-96	ET/ER-218 UT/UR-616 UT/UR-96	ET/ER-218 UT/UR-616 UT/UR-96
Dimensions(WxHxD)(mm)	470x190x210	355x190x632	355x190x632	355x190x632	540x1200x310
Weight	2.65kg	8.5kg	8.6kg	10.6kg	App. 30kg

UHF

WIRELESS MICROPHONE SYSTEM

UHF Digital wireless microphone systems

SPECIAL PURPOSE FOR SCHOOL TEACHING KTV/CONFERENCE

DUR-30/DUH-58 Specification

Frequency	UHF 803-930MHz
Sample rate	Programmable
Modulation	GFSK
S/N Ratio	95dB(1KHz)
Latency	< 6ms
Frequency Response	50Hz-15KHz±3dB
T.H.D.	< 1%

DUR-9FD (Module)



Frequency	UHF 803-930MHz
Sample rate	Programmable
Modulation	GFSK
S/N Ratio	95dB(1KHz)
Latency	< 6ms
Frequency Response	50Hz-15KHz±3dB
T.H.D.	< 1%

* can be applied to all EP series.

UHF

WIRELESS MICROPHONE SYSTEM

UHF PLL single receiver series



USR-6FD1

Frequency Range: 600-960 MHz
 UHF PLL synthesized single receiver system
 16 users selectable channels
 Single wireless receiver module
 RF/AF LED signal strength display
 LED backlight with digital display
 TONE/ NOISE squelch controlled
 TNC antenna jack AF out 6.3mm jack
 Dimensions : 210x44x190mm(WxHxD)
 Weight : 1.5kg



USR-6FD2

Frequency Range: 600-960 MHz
 UHF PLL synthesized dual receiver system
 16 users selectable channels
 Two wireless receiver modules
 RF/AF LED signal strength display
 LED backlight with digital display
 TONE/ NOISE squelch controlled
 TNC antenna jack AF out 6.3mm jack
 XLR mixer AF output
 Dimensions : 420x44x190mm(WxHxD)
 Weight : 2.5kg



USR-6FD4

Frequency Range: 600-960 MHz
 UHF PLL synthesized four receiver system
 16 users selectable channels
 Four wireless receiver modules
 RF/AF LED signal strength display
 LED backlight with digital display
 TONE/ NOISE squelch controlled
 TNC antenna jack AF out 6.3mm jack
 XLR mixer AF output
 Dimensions : 420x44x190mm(WxHxD)
 Weight : 3kg



USR-288

Frequency Range: 600-960 MHz
 UHF PLL synthesized dual receiver system
 16 users selectable channels
 Two wireless receiver modules
 RF/AF LED signal strength display
 LED backlight with digital display
 TONE/ NOISE squelch controlled
 TNC antenna jack AF out 6.3mm jack
 Dimensions : 420x44x190mm(WxHxD)
 Weight : 2.5kg

UHF PLL True diversity receiver series



UDR-7FD1

Frequency Range: 600-960 MHz
 UHF PLL
 True-diversity /16 user selectable channels
 RF/AF/RB LED signal strength display
 LED backlight with digital display
 TONE/ NOISE squelch controlled
 TNC antenna jack AF out 6.3mm jack
 XLR mixer AF output
 Dimensions : 210x44x190mm(WxHxD)
 Weight : 1.5kg



UDR-7FD2

Frequency Range: 600-960 MHz
 UHF PLL dual receiver module
 True-diversity/16 user selectable channels
 Two wireless receiver modules
 RF/AF/RB LED signal strength display
 LED backlight with digital display
 TONE/ NOISE squelch controlled
 TNC antenna jack AF out 6.3mm jack
 XLR mixer AF output
 Dimensions : 420x44x190mm(WxHxD)
 Weight : 2.5kg



UDR-7FD4

Frequency Range: 600-960 MHz
 UHF PLL four receiver module
 True-diversity/16 users selectable channels
 Four wireless receiver module
 RF/AF/RB LED signal strength display
 LED backlight with digital display
 TONE/ NOISE squelch controlled
 TNC antenna jack AF out 6.3mm jack
 XLR mixer AF output
 Dimensions : 420x44x190mm(WxHxD)
 Weight : 3kg



UDR-7FDM

Frequency Range: 600-960 MHz
 UHF PLL single receiver module
 True-diversity/16 users selectable channels
 Single wireless receiver module
 RF/AF/RB LED signal strength display
 LED backlight with digital display
 TONE/ NOISE squelch controlled
 TNC antenna jack AF out 6.3mm jack
 Light & Handy space saving and moving.
 Aluminum case with durable.
 Dimensions : 90x44x190mm(WxHxD)
 Weight : 230g



DAR-100

PROFESSIONAL DIGITAL AUDIO RECORDER SYSTEM
HIGH RESOLUTION & QUALITY DESKTOP RECORDER & PLAYER

DAR-100 High resolution & quality desktop recorder

DAR-100 is used for the high quality recording, storage and playback of audio signals. Support with 16 bit/96kHz sample rate, or select WAV/MP3 format to save into SD/USB device. After recording, the data can be transferred to computer. User can use earphone monitor during the recording. It is clear made for conference meeting, presentation, speech and endless possibilities.

DAR-100 recorder/player with LCD display so you can know the file list and track status. User can select with 5 EQ to enhance the sound quality. The player including the SD slot and USB port to support MP3/WAV music format. No matter record or playing music, DAR-100 is easy and convenient player.

Specification

Audio Input and Output		
Inputs	LINE IN	RCA phone jack
		Input impedance : 10k Ω Normal input level : -10dBV. Maximum input level : +6dB.
Output	LINE OUT	Output load impedance : 10k Ω or more.
		Rated output level : -10dBV
	PHONES	20mW+20mW (with 32 Ω impedance headphones)
Power supply	DC 12V/350mA	
Audio file compatibility		
General	MP3 files	32K-320 kbps/44.1KHz sampling frequency/VBR (playback only)
	WAV files	WAV 16 bits/24bits. 8K~96KHz sampling frequency
	Recording medium	SD card(64MB-2GB) / SDHC card(4-32GB) / USB
	File system	FAT16/FAT32
	Dimensions	44x210x105(HxWxD) mm
	Weight	785 g

System Features

- Multi Audio format support :
Record : DM3/WAV, Play back : DM3/WAV/WMA
- A/D & D/A Conversion : 24bit/96kHz. Support
- Sampling frequency at 44.1kHz, 48kHz and 96kHz
- Highest data rate from 32kbps up to 320kbps, including VBR
- Recording Media : SD/SDHC Memory Card. USB OTG.
- Monitoring on recording By Ear phone
- USB host & SD interface support
- IR Remote control support
- Display track & function in Chinese & English
- LCD display track & record status

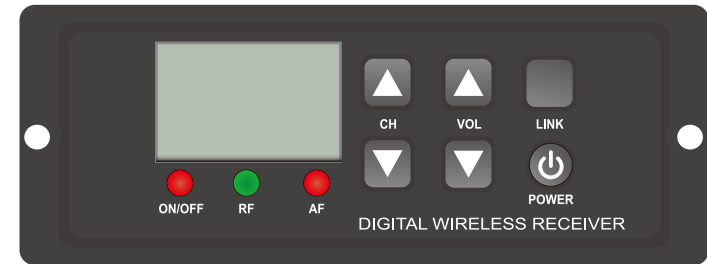


A ACCESSORIES

Modules, Digital music audio player, Storage bag, Transmitter, Microphone, Battery....

UHF Digital Modules DUR-9FD *NEW DESIGN*

Frequency: UHF 803-930MHz
 Sample rate: Programmable
 Modulation: GFSK
 S/N Ratio: 95dB(1KHz)
 Latency: < 6ms
 Frequency Response: 50Hz-15KHz±3dB
 T.H.D.: < 1%



* can be applied to all EP series.



USR-6FD
UHF PLL Single receiver module
 Frequency range: 600-960MHz
 UHF PLL synthesized controlled
 Single receiver module
 16 user selectable channels
 Single wireless receiver module
 RF/AF LED signal strength display
 Simplified design in select channel by up
 & down button Volume controller



UDR-7FD
UHF PLL True-Diversity Receiver module
 Frequency range: 600-960MHz
 UHF PLL synthesized controlled
 True-Diversity receiver module
 16 user selectable channels
 RF/AF/RB LED signal strength display.
 Simplified design in select channel by up
 & down button Main Volume adjustor



UT-8F
UHF PLL Audio module
 Frequency range: 600-960MHz
 UHF PLL synthesized controlled
 16 user selectable channels
 Function with long distance transmitter

A ACCESSORIES

Transmitter, Digital music audio player,
Storage bag, Microphone, Battery...

Optional transmitter & UHF digital microphone



UPL-83
Bodypack transmitter

Carrier frequency range: 600-960MHz
Pre-programmed frequency: Preset 16 channels
Frequency stability: <0.005%
Antenna: External antenna
Battery: 1.5V x2 or 1.2V x2(AA UM-3)
Dimensions : 63x93x26mm(WxHxD)
Weight : 85g



UPL-85
Bodypack transmitter

Carrier frequency range : 600-960MHz
Pre-programmed frequency : Preset 16 channels (0-F)
Frequency stability : <0.005%
Antenna : External antenna
Battery : 1.5V x2 or 1.2V x2(AA UM-3)
Use in EP-560, EP-580 only
Dimensions : 63x93x26mm(WxHxD)
Weight : 85g



DUL-33&DUL-33W

Module: Digital UHF
Frequency: UHF 803-930MHz
Sample rate: Programable
Modulation: GFSK
S/N Ratio: 95dB(1KHz)
Battery: 1.5Vx2 peccs
Latency: ≤5ms

DUH-58

Module: Digital UHF
Frequency: UHF 803-930MHz
Battery: 1.5Vx2 peccs

Optional digital music audio player system



DM5 Audio CD player

Digital CD player
Interface/Decoder : CD, CD-R, CD-RW, MP3,
USB/SD/MMC CARD,
Dimensions : 51.4x174x153(HxWxD)mm
Weight : App. 1.1 Kgs



**DM6S Audio CD player
with pitch control or speed**

Digital CD player with pitch control
Interface/Decoder : CD, CD-R, CD-RW, MP3, USB/SD
MMC CARD
With pitch control
Dimensions : 51.4x174x153(HxWxD)mm
Weight : App. 1.1 Kgs



DM7 Audio DVD player

Digital DVD player with anti-shock
Interface/Decoder : CD, CD-R, CD-R/W, VCD,
DVD, DVD-R, /RW, MP3, WMA, MP4, JPG, USB, /SD
MMC CARD
Dimensions: 51.4x174x153(HxWxD)mm
Weight : App. 1.1 Kgs



DAR-10 Digital audio music recorder

Multi Audio format support : Record : DM3, WAV
Play back : DM3, WAV, WMA
A/D & D/A Conversion : 24bit/96kHz, Support
Recording Media : SD/SDHC Memory Card, USB OTG,
Monitoring on recording By Ear phone
IR Remote control support
Dimensions: 51.4x174x153(HxWxD)mm
Weight : App. 75g

Optional tape



TPR-02

Tape player
Play & Record function

Optional storage bag



BG-09

Match : EP-980



BG-08

Match : EP-900/810/800



BG-07

Match : EP-700



BG-01

Match : EP-2001G



BG-06

Match : EP-600



BG-58

Match : EP-580



BG-30

Match :
EP-360/350R/300



BG-280

Match : EP-280

Optional microphone



UT-32M
Handheld wireless microphone
 Condenser type Microphone
 Built in / 3.5Ø jack microphone in
 PLL synthesized controlled
 UHF 600-960MHz
 Preset 16-96 channels /LCD display
 Built in antenna
 AAx2/1.2Vx2(UM-3)
 Adjustable Volume control
 Line in/Mic switching
 Dimensions : 36x189x24mm(WxHxD)
 Weight : 94g



UH-815
Handheld wireless microphone
 Microphone capsule:Condenser
 Carrier frequency range:600-960MHz
 Pre-programmed frequency : Preset
 16 channels (0-F)
 Frequency stability:±0.005%
 Antenna:Built in
 RF output power: <10mW MAX
 Currency consumption:120mA±10mA
Use in EP-560, EP-580 only
 Battery:1.5V x2 pcs
 Weight:230g



UH-816
Handheld wireless microphone
 Microphone capsule:Dynamic/Condenser
 Carrier frequency range:600-960MHz
 Frequency stability : ±0.005%
 Pre-programmed frequency : Preset 1 to
 16 channels
 Antenna:Built in RF output power: <10mW MAX
 Currency consumption:120mA±10mA
 Battery:1.5V x2 pecs
 Weight:230g

HM-55

Headworn microphone
 (mini XLR/3.5mm)



HM-11

Headworn microphone
 (3.5mm)



BM-106

Lapel microphone
 (3.5mm)



PH-01 Earphone



M-100

Mini handheld wire
microphone
 (6.3mm)
 Tape player



HM-22

Headworn microphone
 (mini XLR)



BM-306

Lapel microphone
 (mini XLR)



PH-02 Earphone



Optional tripod stand /wall-mount



ST-3B Tripod stand
 Match : EP-980/900/810
 800/700/2001G/600



ST-30 Tripod stand
 Match : EP-580/360
 350R/300



W-28 Wall-mount
 Match : EP-280/IR-285

Battery



BA-1205

ITEM NAME: 12V 5Ah
RECHARGEABLE LEAD ACID
BATTERY

USED FOR:
 EP-700/EP-768/EP-800/EP-810/
 EP-900/EP-980/EP-2001G
 DIMENSION: 89*69*105 MM
 (L/W/H, INCLUDING
 CHARGING PINS)



BA-1227

ITEM NAME: 12V 2.7Ah
RECHARGEABLE LEAD ACID
BATTERY

USED FOR: EP-300/EP-600
 DIMENSION: 77*54*105 MM
 (L/W/H, INCLUDING
 CHARGING PINS)



BA-2600

ITEM NAME: 14.4V 2.6A
RECHARGEABLE
LITHIUM BATTERY
(4 Cells)

USED FOR:
 EP-350R/EP-360/EP-560/
 EP-580P/EP-580R/
 EP-580RA
 DIMENSION:
 73*80*22mm (L*W*H),
 including retaining clip



BA-280

ITEM NAME: 12.6V 2.6Ah
RECHARGEABLE LITHIUM
BATTERY (3 Cells)

USED FOR: EP-280
 DIMENSION: 67*55*18mm
 (L*W*H), not including
 connecting cord

SENRUN®



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