



WIN42

PROFESSIONAL UHF WIRELESS SYSTEM

Due to the changed situation in the area of general frequency allocations for the operation of wireless systems starting in 2015, LD Systems decided to develop the even more flexible and highly professional WIN 42 wireless system. With its outstanding audio quality, the WIN 42 UHF offers numerous potential applications for live performances and permanent installations. The working UHF frequency range is 734 MHz to 776 MHz.

Both the handheld microphone and belt pack transmitter versions provide any vocalist, speaker or instrumentalist optimal transmission of his or her performance with the greatest possible freedom of movement. By means of a threaded connection, the microphone head of the handheld transmitter can be swapped quickly and easily (dynamic and condenser capsules). The system has more than 1680 freely selectable frequencies and thus makes it possible to operate up to 20 systems simultaneously. The "channel scan" function assists you in finding and tuning to a transmission frequency without interference. This frequency is then transmitted simply and conveniently from receiver to transmitter via an infrared link. The half-rack True Diversity receiver houses numerous system features, for example, a transmitter battery status indicator on the receiver display, an indicator for the (transmitter) "Mute On/Off" function on the receiver display, 4 EQ presets that are switchable at the receiver, and much more. A highly professional system embodying the outstanding value-for-money that is so typical for LD Systems.

- UHF frequency range 734 - 776 MHz
- 1680 frequencies
- 20 groups with 577 fixed frequencies
- user bank with 1680 freely selectable frequencies in 25 kHz increments

Receiver display:

- 225 addresses selectable
- channel scan
- true diversity receiver

- interchangeable microphone capsules (dynamic / condenser)
- volume
- radio frequency level antenna A/B
- audio level
- battery status of transmitter
- transmitter sync via infrared
- squelch setting in menu
- 4 equalizer presets in menu
- naming template in menu
- 10 sets storable

- lockable menu
- balanced XLR output, unbalanced 6.3 mm jack
- adjustable output
- adjustable headphone output

Transmitter display:

- battery status
- RF power
- AF power
- additional system information

SPECIFICATIONS WIN42 RECEIVER

Model name:	LDWIN42R
Channels:	1680 (20 groups + 1 user group)
Frequency range:	734 – 776 MHz
Audio frequency range:	60 Hz – 16 kHz
THD:	< 1%
Signal/Noise ratio:	> 100 dB
Audio output:	XLR balanced / ¼" jack unbalanced
Power supply:	external power adapter 13,5 V DC, 500 mA
Dimensions (W x H x D):	212 x 44 x 184 mm
Weight:	970 g

SPECIFICATIONS HANDHELD TRANSMITTER

Model name:	LDWIN42MD
Channels:	1680
Frequency range:	734 – 776 MHz
Audio frequency range:	60 Hz – 16 kHz
RF output power:	adjustable 10 mw / 30 mw / 50 mw
Power requirements:	2 x AA size batteries (included)
Operating time:	>13 h with alkaline batteries
Dimensions (L x Ø):	255 x 52 mm
Weight:	400 g (without batteries)

SPECIFICATIONS BELTPACK

Model name:	LDWIN42BP
Channels:	1680
Frequency range:	734 – 776 MHz
Audio frequency range:	60 Hz – 16 kHz
RF output power:	adjustable 10 mw / 30 mw / 50 mw
Input connector:	mini XLR 3-pole (phantom power for headset)
Power requirements:	2 x AA size batteries
Operating time:	>14 h with alkaline batteries (included)
Dimensions (W x H x D):	87 x 25 x 63 mm
Weight:	100 g (without batteries)



LDWIN42BPH
(RECEIVER + BELTPACK + HEADSET)



LDWIN42HHD
(RECEIVER + DYNAMIC HANDHELD MICROPHONE)



LDWIN42HHC
(RECEIVER + CONDENSER HANDHELD MICROPHONE)



LDWIN42BPL
(RECEIVER + BELTPACK + LAVALIERE MICROPHONE)



LDWIN42BPW
(RECEIVER + BELTPACK + WIND MICROPHONE)



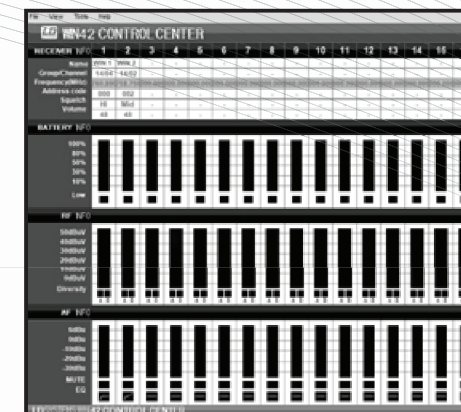
ALSO AVAILABLE AS DOUBLE SYSTEM.
Features equivalent as WIN42 single system.



LDWIN42BPH2
(RECEIVER + 2 x BELTPACK +
2 x HEADSET)

LDWIN42HHD2
(RECEIVER + 2 x DYNAMIC
HANDHELD MICROPHONE)

LDWIN42HHC2
(RECEIVER + 2 x CONDENSER
HANDHELD MICROPHONE)



INCLUDING **WIN42
CONTROL CENTER**
SOFTWARE



WIN42HUB NEW!

The LD Systems WIN42HUB is a software-based 19" controller for WIN42 wireless systems and Windows. The included WIN42 CONTROL CENTER software uses an "environment scan" to check the location for unused frequencies which can be assigned to the connected receivers, saved, and retrieved again. This makes it possible to control and monitor up to 16 WIN42 wireless systems. Frequency, signal strength, audio level, battery status, and additional data of the connected WIN42 receivers are displayed in clearly-structured graphs.

The package includes the software, a USB/RS485 converter for connecting the WIN42HUB to a PC or laptop, and all necessary cables.

SPECIFICATIONS:

Model name:	LDWIN42HUB
Type:	software-based
Number of supported wireless systems:	16
Indicators:	16 x LED activation indicator
Operating voltage:	9 V - 18 V DC, 300 mA
Dimensions (W x H x D):	482 x 44 x 160 mm
Weight:	2.5 kg
Accessories (included):	16 x RJ11 cable, power adapter, RJ45 cable, software CD, USB to RS485 converter, USB cable

WS1G8MD

- Handheld with high-quality dynamic capsule
- Convenient handling and channel setting via ASC
- LCD display of channel, group and battery status
- 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LD WS1G8MD
Channels:	192 (16 Groups 12ch/Group)
Frequency range:	1785 - 1800 MHz
Pattern:	Cardioid
Audio frequency range:	50 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW
Power requirements:	2x 1.5V AA LR6 batteries (included)
Battery life:	up to 13 h, depending on batteries
Dimensions:	252 x 52 mm
Weight:	220 g (without batteries)

WS1G8BP

- Belt pack for guitar, lavalier and headset microphones with 3-pin mini XLR
- Convenient handling and channel setting via ASC
 - LCD display of channel, group and battery status
 - 3 level settings for guitar and microphone operation
 - 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LD WS1G8BP
Channels:	192 (16 Groups 12ch/Group)
Frequency range:	1785 - 1800 MHz
Audio frequency range:	50 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW
Power requirements:	2x 1.5V AA LR6 batteries (included)
Battery life:	up to 13 h, depending on batteries
Dimensions (W x H x D):	65 x 90 x 24 mm
Weight:	85 g (without batteries)

WS1G8R

SPECIFICATIONS

Model name:	LD WS1G8R
Channels:	192 (16 Groups 12ch/Group)
Frequency range:	1785 - 1800 MHz
Audio frequency range:	50 Hz - 16 kHz
Modulation:	FM
T.H.D	< 0,6 %
Audio outputs:	XLR Balanced -12dBV (600Ohm) / 6,3mm jack -18dBV (3kOhm)
Power requirements:	12-18 V DC, external supply
Dimensions (W x H x D):	212 x 44 x 160 mm
Weight:	900 g

ALSO AVAILABLE AS DOUBLE WIRELESS SETS:

DOUBLE SYSTEM DYNAMIC HANDHELD
LDWS1G8HHD2

DOUBLE SYSTEM HEADSET
LDWS1G8BPH2

WS1G8 NEW!

192 CHN UHF TRUE DIVERSITY WIRELESS SYSTEM

The LD Systems WS1G8 is an advanced LICENSE FREE* 192 channel true diversity UHF wireless system delivering natural sound with a wide dynamic range, high S/N ratio and low THD in the frequency range from 1785-1800 MHz. The WS1G8 is shipped in various configurations. You can choose between dynamic handheld microphones, a beltpack transmitter with either a headset, lavalier-microphone, clip-on wind instrument microphone or guitar adaptor cable. It provides consistent audio transmission from 60 Hz to 16 kHz. Handheld and belt pack feature convenient LCD indication of channel, group and battery status. Automatic channel scanning (ASC) and the backlit multifunction receiver display facilitate system setup and operation. The operating time ranges up to 13 hours with high quality AA batteries. All WS1G8 systems come with a rugged ABS plastic carrying case.



DYNAMIC HANDHELD SET
LDWS1G8HHD



GUITAR SET
LDWS1G8BPG



CONDENSER HANDHELD SET
LDWS1G8HHC



LAVALIERE SET
LDWS1G8BPL

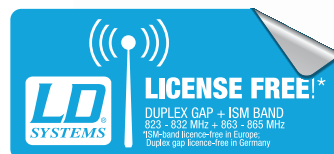


HEADSET SET
LDWS1G8BPH



WIND MICROPHONE SET
LDWS1G8BPW





SET LDWS1000G2BPH2
incl. 2 x LDWS1000BP & 2 x LDWS100MH1

SET LDWS1000G2HHD2
incl. 2 x LDWS1000G2MD

WS1000G² NEW!

96 CHN UHF TRUE DIVERSITY WIRELESS SYSTEM

The LD Systems WS 1000 G2 is an advanced LICENSE FREE 96 channel true diversity UHF wireless system delivering natural sound with a wide dynamic range, high S/N ratio and low THD in both the 823 – 832 and 863 – 865 MHz bands.

The WS 1000 G2 ships in various configurations. You can choose between dynamic or condenser handheld microphones, a belt-pack transmitter with either a headset, lavalier-microphone, clip-on wind instrument microphone or guitar adaptor cable. It provides consistent audio transmission from 60 Hz to 16 kHz. Handhelds and belt-pack feature convenient LCD indication of channel, group and battery status. Automatic channel scanning and the backlit multifunction receiver display facilitate system setup and operation. The operating time ranges up to 13 hours with high quality AA batteries. All WS 1000 G2 systems come with a rugged ABS plastic carrying case.

WS1000G²MD

- Handheld with high-quality dynamic capsule
- Convenient handling and channel setting via ASC
- LCD display of channel, group and battery status
- 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LDWS1000G2MD
Channels:	96 (8 groups 12ch/group)
Frequency range:	823 – 832 and 863 – 865 MHz
Pattern:	Cardioid
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW EIRP
Power requirements:	2 AA LR6 batteries
Battery life:	up to 13 h, depending on batteries
Dimensions:	252 mm x 35 - 52 mm
Weight:	220 g (without batteries)

WS1000G²BP

Belt pack for guitar, lavalier and headset microphones with 3-pin mini XLR

- Convenient handling and channel setting via ASC
- LCD display of channel, group and battery status
- 3 level settings for guitar and microphone operation
- 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LDWS1000G2BP
Channels:	96 (8 groups 12ch/group)
Frequency range:	823 – 832 and 863 – 865 MHz
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW EIRP
Power requirements:	2 AA LR6 batteries
Battery life:	up to 13 h, depending on batteries
Dimensions (W x H x D):	65 mm x 90 mm x 24 mm
Weight:	85 g (without batteries)

WS1000G²R

SPECIFICATIONS

Model name:	LDWS1000G2R
Channels:	96 (8 groups 12ch/group)
Frequency range:	823 – 832 and 863 – 865 MHz
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
T.H.D	< 1 %
Signal/Noise ratio:	> 100 dB
Audio outputs:	XLR Balanced -12dBv (600ohm) / 6,3mm jack -18dBv (3k0hm)
Power requirements:	12-18 V DC at 400 mA, external supply
Dimensions (W x H x D):	212 mm x 44 mm x 160 mm
Weight:	900 g





SET LDWS1000BPH2X
incl. 2 x LDWS1000BPX & 2 x LDWS100MH1

SET LDWS1000HHD2X
incl. 2 x LDWS1000MDX

WS1000X

160 CHN UHF TRUE DIVERSITY WIRELESS SYSTEM

The LD Systems WS 1000 X is an advanced 160 channel true diversity UHF wireless system delivering natural sound with a wide dynamic range, high S/N ratio and low THD in the 838 – 865 MHz band.

The WS 1000 X ships in various configurations. You can choose between dynamic or condenser handheld microphones, a beltpack transmitter with either a headset, lavalier-microphone, clip-on wind instrument microphone or guitar adaptor cable. It provides consistent audio transmission from 60 Hz to 16 kHz. Handhelds and beltpack feature convenient LCD indication of channel, group and battery status. Automatic channel scanning and the backlit multifunction receiver display facilitate system setup and operation. The operating time ranges up to 13 hours with high quality AA batteries. All WS 1000 X systems come with a rugged ABS plastic carrying case.

WS1000MDX

- Handheld with high-quality dynamic capsule
- Convenient handling and channel setting via ASC
- LCD display of channel, group and battery status
- 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LDWS1000MDX
Channels:	160 (10 groups 16ch/group)
Frequency range:	838.850 MHz - 865.000 MHz
Pattern:	Cardioid
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW
Power requirements:	2 "AA" size
Battery life:	up to 13 h, depending on batteries
Dimensions:	252 mm x 35 - 52 mm
Weight:	220 g (without batteries)

WS1000BPX

- Belt pack for guitar, lavalier and headset microphones with 3-pin mini XLR
- Convenient handling and channel setting via ASC
- LCD display of channel, group and battery status
- 3 level settings for guitar and microphone operation
- 2 AA batteries for up to 13 hours of operation

SPECIFICATIONS

Model name:	LDWS1000BPX
Channels:	160 (10 groups 16ch/group)
Frequency range:	838.850 MHz - 865.000 MHz
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
RF output power:	10 mW
Power requirements:	2 "AA" size
Battery life:	up to 13 h, depending on batteries
Dimensions (W x H x D):	65 mm x 90 mm x 24 mm
Weight:	85 g (without batteries)

WS1000RX

SPECIFICATIONS

Model name:	LDWS1000RX
Channels:	160 (10 groups 16ch/group)
Frequency range:	838.850 MHz - 865.000 MHz
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
T.H.D.	< 1 %
Signal/Noise ratio:	> 100 dB
Audio outputs:	XLR Balanced -12dBv (600ohm) / 6,3mm jack -18dBv (3k0hm)
Power requirements:	12-18 V DC at 400 mA, external supply
Dimensions (W x H x D):	212 mm x 44 mm x 160 mm
Weight:	900 g



WIRELESS SYSTEMS ACCESSORIES



WS100ML

Lavaliere Microphone for WS1000BP Belt Pack

- Model name: LDWS100ML
- Uni-directional electret condenser lavaliere microphone
- Frequency range: 20 Hz - 20 kHz

WS1000MW

Wind / percussion instrument clip microphone

Linear frequency range, natural sound reproduction, lightweight, easy and stable positioning thanks to the gooseneck, very good impact sound isolation thanks to elastic capsule fastening, strong clamp providing good fastening without causing any damage to the instrument thanks to the soft rubber inner surface of the clips. Phantom Power Adapter LDPHA also available separately.



WS100RK

19" rack kit for WS1000X, WS1000G2 and WS1G8



NEW!

HSAE1

PROFESSIONAL AEROBICS HEADSET MICROPHONE WATER RESISTANT

For details see page 124.

WS100GC

Guitar Cable for WS1000 Belt Pack

- Model name: LDWS100GC
- Length: 0.9 m
- 3 Pol mini-XLR / 6.3 mm jack

WS100MH1

Headset Microphone for WS1000BP Belt Pack

- Model name: LDWS100MH1
- Uni-directional electret condenser headset microphone
- Frequency range: 20 Hz - 20 kHz

WS100MH3

Skin coloured lightweight headset microphone with excellent wearing comfort onto 3-pole Mini XLR

- Model name: LDWS100MH3
- Typ: condenser, uni-directional
- Frequency range: 70 Hz - 16 kHz



WS100DA

Optimised directional antenna specially for our Win42, WS1000G2 and WS1000X Series UHF Wireless Systems. Recommended with our antenna splitter WS100AD to set up multi systems.

SPECIFICATIONS:

Model name:	LDWS100DA
Antenna input impedance:	50 Ω
Antenna output impedance:	50 Ω
Connectors:	TNC
Gain:	7 dBi
Bandwidth:	400 MHz
Dimensions:	290 mm x 260 mm x 3 mm

Suitable TNC cable 10 m / Article No. LDWS100TNC10

WS100AB

Antenna booster recommended together with WS100DA if you have long distance antenna ways.

SPECIFICATIONS:

Model name:	LDWS100AB
Antenna input impedance:	50 Ω
Antenna output impedance:	50 Ω
Connectors:	TNC
Gain:	13 dB
Bandwidth:	400 MHz
Power requirements:	DC 9 V
Dimensions:	35 mm x 65 mm x 75 mm

WIN42AD

19" / 1 U antenna for 4 single or double systems to set up a multi system. We recommend to use only with WS100DA directional antenna.

SPECIFICATIONS:

Model name:	LDWIN42AD
Antenna input impedance:	50 Ω
Antenna output impedance:	50 Ω
Connectors:	TNC
Gain:	3 dB
Bandwidth:	400 MHz
Power requirements:	DC 12 - 18 V 3000 mA (power supply included)
Dimensions (W x H x D):	483 x 44 x 175 mm
Weight:	2 kg



WSEC016

UHF PLL DIVERSITY

WIRELESS SYSTEM 16 CHN

LD Systems ECO Sets are the perfect introduction to wireless audio transmission: All components guarantee optimal audio delivery via professional outputs. The extensive features of the LD WS ECO Series Sets are remarkable in this price category.

- UHF frequency range 863 – 865 MHz
- Available as handheld, headset or lavalier
- ASC infrared frequency sync
- AF LED bar indicators
- Belt pack transmitter with sensitivity switch and battery status indicator
- Dynamic handheld microphone with soft-touch surface and ASC infrared frequency sync
- Long battery life
- Up to 3 systems simultaneously

AVAILABLE SETS:



LDWSEC016BPH
(RECEIVER + BELTPACK + HEADSET)



LDWSEC016HHD
(RECEIVER + DYNAMIC HANDHELD MICROPHONE)



LDWSEC016BPL
(RECEIVER + BELTPACK + LAVALIERE MICROPHONE)



SPECIFICATIONS

Model name:	LDWSEC016R
Channels:	16
Frequency range:	863.000 MHz - 865.000 MHz
Audio frequency range:	60 Hz - 16 kHz
Modulation:	FM
T.H.D.:	< 1 %
Audio outputs:	6,3 mm jack / XLR
Dimensions (W x H x D):	235 mm x 44 mm x 118 mm
Weight:	400 g



ECO2 1 CHANNEL DIVERSITY UHF WIRELESS SET

LD Systems ECO Sets are the perfect introduction to wireless audio transmission: All components guarantee optimal audio delivery via professional outputs. The extensive features of the LD WS ECO Series Sets are remarkable in this price category.

- 1 channel UHF PLL diversity wireless system, available as vocal, guitar or headset
- Handheld dynamic mic with sensitivity switch
- Long battery life

SET WITH HEADSET

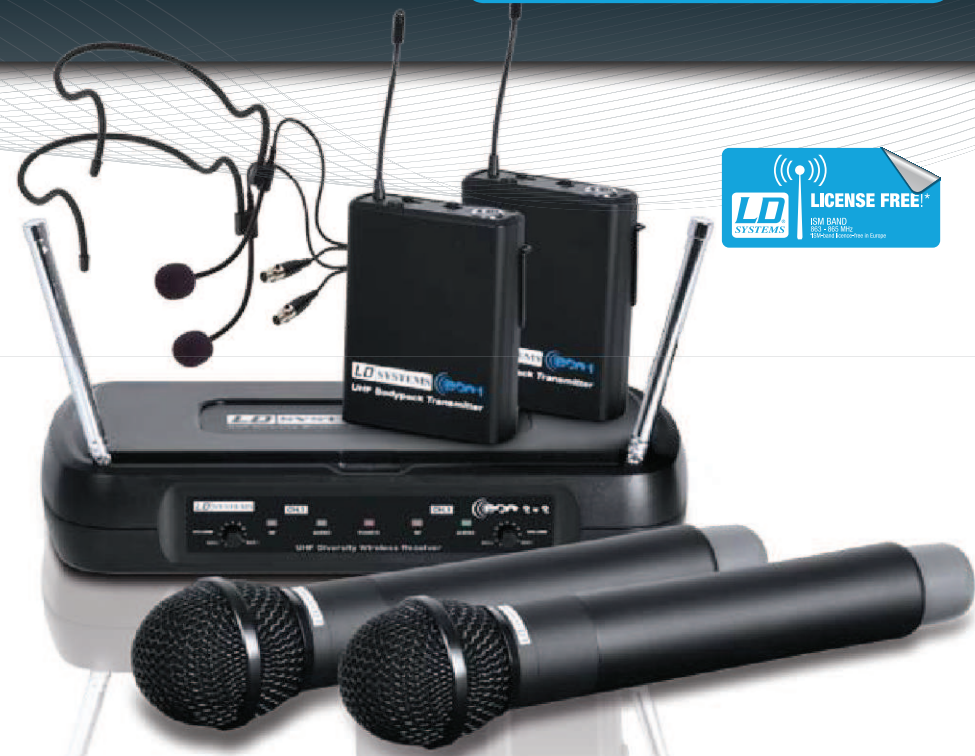
LDWSECO2BPH1: 863.100 MHz
LDWSECO2BPH2: 863.900 MHz
LDWSECO2BPH3: 864.500 MHz
LDWSECO2BPH4: 864.900 MHz

SET WITH HANDHELD

LDWSECO2HHD1: 863.100 MHz
LDWSECO2HHD2: 863.900 MHz
LDWSECO2HHD3: 864.500 MHz
LDWSECO2HHD4: 864.900 MHz

SET WITH GUITAR CABLE

LDWSECO2BPG1: 863.100 MHz
LDWSECO2BPG2: 863.900 MHz
LDWSECO2BPG3: 864.500 MHz
LDWSECO2BPG4: 864.900 MHz



ECO2x2 2 CHANNEL DIVERSITY UHF WIRELESS SET

LD Systems ECO Sets are the perfect introduction to wireless audio transmission: All components guarantee optimal audio delivery via professional outputs.

The extensive features of the LD WS ECO Series Sets are remarkable in this price category. The frequency band of 863 – 865 MHz permits operation in most EU countries with no registration or licensing required.

- 2 channel UHF PLL diversity wireless system
- Available as vocal or headset
- Handheld dynamic mic with sensitivity switch
- Belt pack with 3 gain settings and mute function
- Long battery life
- Great operating distance (50 m open field)

SET WITH HEADSET

LDWSECO2X2BPH1: 863.100 MHz and 864.500 MHz
LDWSECO2X2BPH2: 863.900 MHz and 864.900 MHz

SET WITH HANDHELD

LDWSECO2X2HHD1: 863.100 MHz and 864.500 MHz
LDWSECO2X2HHD2: 863.900 MHz and 864.900 MHz

