



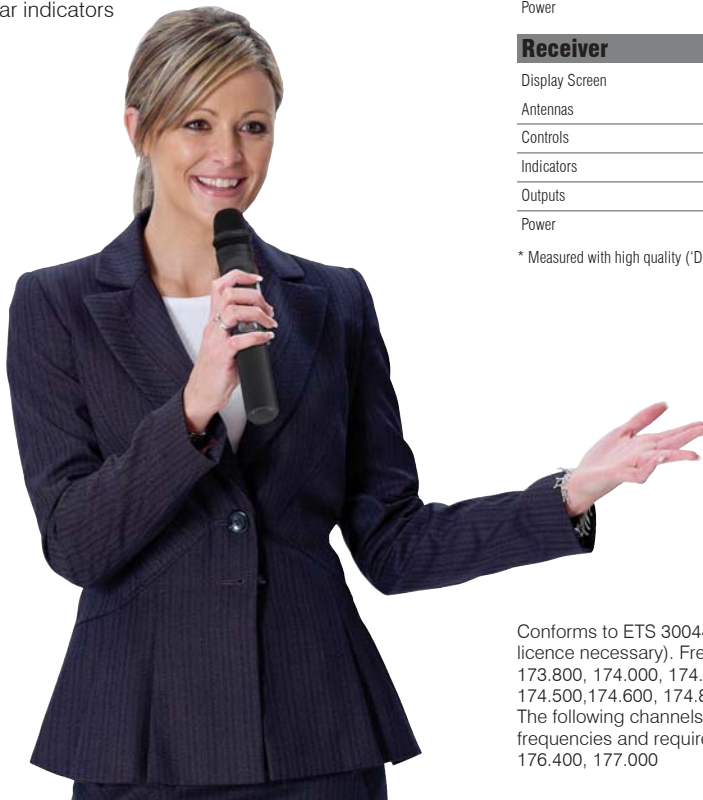
UNITY SYSTEM 1 SERIES - VHF True Diversity Systems

The new Unity System 1 series of VHF 16 Channel Wireless Microphone Systems brings high performance and simplicity together to provide a full range of ready to use, complete systems.

Supplied in strong, lightweight ABS cases for safe storage and transportation.

Main Features:

- 16 Channel VHF
- High sensitivity and excellent image rejection
- Single compander design
- Pilotone control
- True Diversity reception
- Half-19" Receiver casing
- Balanced audio output (XLR) / Unbalanced audio output (phono jack)
- Selectable MIC or LINE output level
- RF test function
- AF, RF and Diversity LED bar indicators



System Packages:

- **UNITY SYSTEM 1H:**
VHF 16 Channel Handheld System
- **UNITY SYSTEM 1BT:**
VHF 16 Channel Beltpack/Tieclip System
- **UNITY SYSTEM 1BH:**
VHF 16 Channel Beltpack/Headset System

Specifications:

Model:	UNITY SYSTEM 1 SERIES:
Frequency Range	160 ~ 260MHz
Channels per Band	16 Selectable
Special Functions	Compander, Pilotone
Transmitters	
Controls	ON/OFF, Channel Set, Gain
Power	3 x AA batteries. Up to 16 hours operating time*
Receiver	
Display Screen	LCD bar indicators
Antennas	Compact (supplied). High gain external (optional)
Controls	ON/OFF, Channel Select, Squelch, Volume Control, RF Test
Indicators	AF, RF, Power On
Outputs	Balanced/Unbalanced
Power	12v DC via 230v PSU

* Measured with high quality ("Duracel" Alkaline) batteries

Conforms to ETS 300445, MPT1345. (No licence necessary). Frequencies available: 173.800, 174.000, 174.100, 174.200, 174.400, 174.500, 174.600, 174.800, 175.000. The following channels are co-ordinated frequencies and require a licence to operate: 176.400, 177.000





UNITY SYSTEM 7 SERIES - UHF True Diversity, 100 Channels

The new Unity System 7 series of UHF 100 Channel Wireless Microphone Systems utilise the highest quality technology and components for true high performance, multichannel, wireless sound.

These high specification UHF systems offer 100 channel selection for greater control and resistance to interference.

Supplied as ready to use, complete systems and housed in strong, lightweight ABS cases for safe storage and transportation.

Main Features:

- 100 factory preset user-selectable UHF frequencies
- Advanced microprocessor control, with improved signal performance for interference-free, multi-channel operation
- AUTO SCAN function searches for the cleanest frequency
- True Diversity for highest quality reception with no dropouts
- Battery signal indicator on receiver panel monitors transmitter battery status
- Liquid Crystal Display (LCD) on both receiver and transmitter
- High sensitivity, high selectivity and high image/spurious rejections
- Anti-interference Pilotone control and RF Noise Squelch circuitries
- Balanced and unbalanced audio outputs
- Rack mountable with 19" rack mount kit (optional)
- UP, DOWN, MENU, SET function buttons
- White-in-blue LCD display
- RF/AF signal strength, Diversity A/B indicators
- Easy to read, programmable, multi-function LCD

System Packages:

- **UNITY SYSTEM 7H:**
UHF 100 Channel Handheld System
- **UNITY SYSTEM 7BT:**
UHF 100 Channel Beltpack/Tieclip System
- **UNITY SYSTEM 7BH:**
UHF 100 Channel Beltpack/Headset System

Specifications:

Model:	UNITY SYSTEM 7 SERIES:
Frequency Range	600 ~ 900MHz
Channels per Band	100 Selectable
Special Functions	Compander, Pilotone
Transmitters:	
Display Screen	LCD, Channel/Frequency, Sensitivity, Battery Level indicator
Controls	ON/OFF, Gain, Channel Set
Power	2 x AA batteries. Up to 12 hours operating time*
Receiver:	
Display Screen	LCD showing full function read out
Antennas	Compact (supplied). High gain external (optional)
Controls	Volume, Channel, Auto Scan, Squelch via LCD readout
Indicators	Diversity reception, Weak TX Battery Alarm, RF & AF signal strengths
Outputs	Balanced/Unbalanced
Power	12v DC via 230v PSU

* Measured with high quality ('Duracel' Alkaline) batteries



Full range of tieclip, headworn and neckworn mic options

Approved to ETS 300422 ETS300455

Licensing is necessary for UHF Transmitters unless used on UK deregulated channels outlined below.

Frequencies 863.100, 863.900, 864.500, 864.900 are Licence Exempt.

Options: For a full list of Unity Series options, separates and accessories, go to page 03



The Chiayo range of Portables and Wireless Microphone Systems are available with a whole host of options, accessories and 'separates' to enhance or expand your system, including:

Coach, Focus, Challenger & Victory Transmitter Options:



SQ5016(AT):
16ch UHF Handheld
Microphone Transmitter



SM5016:
16ch UHF Backpack Transmitter

Smart:

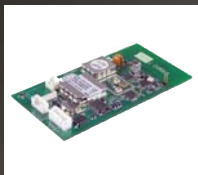


Q1002:
VHF Handheld Microphone
Transmitter



M1002:
VHF Backpack Transmitter

Focus:



SDR-500M:
Additional UHF 16ch Mic
Receiver (Factory fitted only)



SP505:
Passive Extension Loudspeaker



PA505R:
Active Extension Loudspeaker



ST40:
Tripod Stand

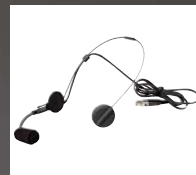


SB21:
Canvas Carry Case

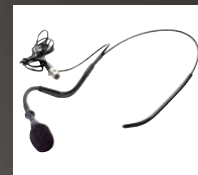
Microphone Options for use with all UHF & VHF Systems (must be used with Backpack Transmitter):



MC-76X:
Slimline Headset Microphone



MC-73X:
High Performance Headset
Microphone



MC-70X:
Aerobics Headset Microphone



MC-15X:
Tieclip Microphone (Cardioid)



MC520X:
Tieclip Microphone (Omni)



MC75X:
Collar Microphone

Challenger 1004 & Victory 2004:



SDR6116M:
Additional UHF 16ch
Receiver Module



RP-6016M:
UHF 16ch Transmitter Module



BS52TB:
Tripod Stand



C1000 Companion:
Challenger Passive
Companion Loudspeaker



DC40:
Challenger Canvas Cover



V2000 Companion:
Victory Passive
Companion Loudspeaker



DC50:
Victory Canvas Cover

Unity System 1:



AD-15:
VHF Antenna Divider



RA-10:
VHF Remote Antenna

Unity System 7:



AD-85:
UHF Antenna Divider



RA-80:
UHF Remote Antenna

All Unity Systems:



FM-800:
Front-mounting Antenna
Extender



MP-50:
Rackmount Kit for UHF & VHF
Receiver Units



MP-12:
Rackmount Filler Panel