

Handheld Wireless Microphones

Contact Series



Contact 502A

The Contact Series from Wharfedale Pro are high performance UHF wireless handheld microphones. 2 models are available in the range, with both single and dual channel options available.

All contact wireless systems feature automatic channel scanning. The receiver can scan through all available channels and select the clearest for interference free reception. An IR link between the transmitter and receiver allows the receiver to synchronize frequency information with the transmitter for one button, hassle free setup.

The 800T features a true diversity transmitter and receiver for seamless performance at distances over 55m. The 502A features a pair of antenna diversity transmitters and receivers in a 19" 1U rackmountable chassis. All models in the Contact Series use PLL synthesis for stable well timed performance.



Contact 800T

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FEATURES

- True diversity and antenna diversity systems
- PLL synthesis
- IR link for quick setup
- Receiver auto scanning
- Long reception range
- Handheld dynamic microphones
- LCD display on transmitters

SPECIFICATIONS

Contact 502A		Contact 800T	
Receiver		Receiver	
Cabinet Size	EIA Standard 1U	Signal to Noise Ratio	> 105dBA
Channels	Two Channel	Total Harmonic Distortion	<0.5% at 1KHz
Receiving Manner	Automatic via Antenna	Frequency Response	50Hz~18KHz ±3dB
Oscillation Mode	PLL (Phase Locked Loop), frequency compounded.	Functional Distance	>100meters (Open area distance)
Carrier Frequency Range	UHF 529~865MHz	Main Frame Size	EIA standard 1/2-rack unit
Stability	±0.005%(-10~50 °C)	Channels	Single-channel
Bandwidth	13MHz	Receiver Module	True Diversity
Sensitivity	4µV (S/N>12dB 25KHz deviation)	Oscillation Mode	PLL synthesized
Frequency Interval	250KHz	Carrier Frequency Range	UHF 529-865MHz
Switched Frequencies	50 channel	Stability	±0.005%(-10-50 OC)
S/N	> 100 dB(A)	Bandwidth	13 MHz
T.H.D.	< 1% at 1KHz	Sensitivity	2µV (S/N>12dB 25KHz deviation)
Frequency Response	60 - 15KHz (±3dB)	Frequency Interval	250KHz
Functional Distance	> 80 meters	Available Frequencies	50
Max. Output Level	-14dBV/5kΩ	Squelch Innovative	PiloTone & NoiseLock dual-squelch circuit
Output Jack	6.3mm (1/4") Phone jack	Maximum Output Level	MIC LEVEL-14dBV/100Ω, LINE LEVEL-4dBV/5KΩ
AC Power Supply	External 110-220VAC	Output Connectors	XLR balanced & ¼"/6.3mm unbalanced phone jack
DC Power Supply	0.5A, 13 - 15VDC	AC Power Supply	External 90-260VAC
Dimensions (mm)	420 x 195 x 44mm	DC Power Supply	1A, 12-15VDC
		Dimensions: (HxWxD)	1.7"x8.6"x6.3" / 44mmx220mmx160mm
Transmitter		Transmitter	
Oscillation Mode	PLL (Phase Locked Loop)	Housing Material	Aluminum Extrusion
Carrier frequency	frequency Compounded	Oscillation Mode	PLL Synthesized
	UHF 529 ~ 865MHz	Carrier Frequency Range	UHF 529-865MHz
Frequency Stability	±0.005% (-10 ~ 50 °C)	Stability	±0.005%(-10/50 I I)
Bandwidth	13MHz	Frequency Adjustment	Automatic Channel Setting
Frequency Adjustment	Automatic Channel setting	RF Output Power	>10mW
Output Power	> 10dBm (adjustable)	Spurious Emissions	<-55dBc
Harmonic radiation	< 55 dB(c)	Max. Deviation Range	±68KHz
Max. adjustment range	± 48kHz	Maximum Input Level	140dB SPL
Max. Input SPL	140dB	Battery	1.5V (AA) x 2
Battery	AA battery x 2		



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