

inDESIGN

Wireless Microphone Systems



- Auto frequency scanning
- Infrared Transmitter & Receiver
- Synchronisation
- 50MHz Wideband FM modulation
- Antenna diversity
- Onboard EQ
- Balanced and Unbalanced Outputs
- Rackmount kit included

Wireless System General	
Modulation	Wideband FM
Frequency Ranges	530MHz-580MHz, 640MHz-690MHz
Frequency Group	8 preset groups
Frequency Response	80-18KHz(+1dB,-3dB)
Bandwidth	50MHz
Oscillation Mode	PLL synthesised
T.H.D.	≤1%(1KHz/deviation ± 24KHz)
RF Stability	±15ppm
S/N Ratio	≥110dB(A)

*** Disclaimer:**

Instructions and specifications are correct at time of printing. Information within may be subject to change without notice.



iDR-111-530 / iDR-111-640 Single Channel Receivers	
Receiving Mode	Antenna diversity
Antenna Input	TNC X 2, bias 12V DC, 100mA
Power Supply	DC 12V
AF Output Max.(MIC)	XLR, balanced: 0dBu; 6.3mm, unbalanced: -6dBu
AF Output Min.(Line)	XLR, balanced: 12dBu; 6.3mm, unbalanced: 6dBu
Sensitivity	<2.5uV(S/N =52dB)
SQ Range	25dB
Squelch	CPU/ID +RF+ Noise
Adjustable Volume	-24dB - +18dB/in step of 1dB

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iDR-222-530 / iDR-222-640 Dual Channel Receivers	
Receiving Mode	Antenna diversity
Antenna Input	TNC X 2, bias 12V DC, 100mA
Power Supply	DC 12V
AF Output Max.(MIC)	XLR, balanced: 0dBu; 6.3mm, unbalanced: -6dBu
AF Output Min.(Line)	XLR, balanced: 12dBu; 6.3mm, unbalanced: 6dBu
Sensitivity	<2.5uV(S/N =52dB)
SQ Range	25dB
Squelch	CPU/ID +RF+ Noise
Adjustable Volume	-24dB - +18dB/in step of 1dB

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iDT-HM1-530 / iDT-HM1-640 Transmitters	
Transmitting Mode	CPU+Pilot
Nominal/Peak Deviation	±24KHz/±48KHz
Max Input Sound Pressure	-10dBu(deviation±48KHz)
Power Supply	2 x 1.5V AA alkaline
Transmit Power	10mW/High 3mW/Low
Current Consumption	180mA/High, 155mA/Low(±5mA)
Battery Life	8 hours High RF mode. 10 Hours Low RF mode
Display	LCD
Microphone Capsule	Cardioid dynamic moving coil

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iDT-BP1-530 / iDT-BP1-640 Transmitters	
Transmitting Mode	CPU+Pilot
Nominal/Peak Deviation	±24KHz/±48KHz
Max Input Sound Pressure	-10dBu(deviation±48KHz)
Power Supply	1.5V AA X 2
Transmit Power	10mW/High 3mW/Low
Current Consumption	180mA/High, 155mA/Low(±5mA)
Battery Life	8 hours High RF mode, 10 Hours Low RF mode
Input Connection	TA4 (M)
Display	TFT
Included Lapel Microphone	Black electret condenser, Omni polar pattern

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