## Wireless Microphones Product Comparison

LARK MAX 2
Summary
2.4 GHz AFH
((•)) 340m (1,115ft)
Al Noise Cancellation
MFi
MFi-Certification







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LARK MAX 2	LARK A1	LARK M2S	LARK M2	LARK MAX	Lark C1	Lark M1	Lark 150
Summary							
2.4 GHz AFH	2.4 GHz AFH	2.4 GHz AFH	2.4 GHz AFH	2.4 GHz AFH	2.4 GHz AFH	2.4 GHz AFH	2.4 GHz AFH
((•)) 340m (1,115ft)	((•)) 200m (650ft)	((•)) 300m (1,000ft)	((•)) 300m (1,000ft)	((•)) 250m (820ft)	((●)) 200m (650ft)	((•)) 200m (650ft)	((•)) 100m (300ft)
Al Noise Cancellation	Al Noise Cancellation	Environmental	Environmental	Environmental	Active Noise Cancellation	Active Noise Cancellation	Digital Signal Processing
MFi	MFi	Noise Cancellation  MFi	Noise Cancellation  MFi	Noise Cancellation  MFi	MFi	MFi	MFi
MFi-Certification  HI	MFi-Certification  HI	MFi-Certification  HI	MFi-Certification  HI	MFi-Certification  HI	MFi-Certification	H□	H□
48 kHz Sample Rate  32-bit Float / 24-bit Depth  128dB Maximum SPL	48 kHz Sample Rate  24-bit Depth  120dB Maximum SPL	48 kHz Sample Rate  24-bit Depth  116dB Maximum SPL	48 kHz Sample Rate  24-bit Depth  115dB Maximum SPL	48 kHz Sample Rate  24-bit Depth  128dB Maximum SPL	48 kHz Sample Rate  16-bit Depth  110dB Maximum SPL	48 kHz Sample Rate  16-bit Depth  110dB Maximum SPL	48 kHz Sample Rate  16-bit Depth  112dB Maximum SPL
APP App Support	APP App Support	APP App Support	APP App Support	APP -	APP App Support	APP	APP
Magnetic Attachment	Magnetic Attachment		Magnetic Attachment	Magnetic Attachment	-	_	_
Wired Lavalier Mic Connection				Wired Lavalier Mic Connection			Wired Lavalier Mic Connection
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Safety Track  Omnidirectional	Omnidirectional	Omnidirectional	- Omnidirectional	Safety Track  Omnidirectional	- Omnidirectional	- Omnidirectional	Safety Track  Omnidirectional
Weight							
Transmitter Approx. 14g (0.51oz)	Transmitter 8g (0.28oz)	Transmitter 7g (0.25oz)	Transmitter  9g (0.3oz)	Transmitter  33g (1.16oz)	Transmitter 11.5g (0.4oz)	Transmitter 11.8g (0.4oz)	Transmitter 20.5g (0.72oz)
Receiver  USB-C: Approx. 5.9g (0.21oz)  Camera: Approx. 24g (0.85oz)	Receiver  Mobile Version RX: Approx. 5.9g (0.21oz)  -	Receiver  Mobile Version: 6g (0.21oz)  Camera Version: 12g (0.42oz)	Receiver  Mobile Version: 6g (0.2oz)  Camera Version: 14.8g (0.5oz)	Receiver 60g (2.1oz)	Receiver 7g (0.25oz)	<b>Receiver</b> 17.5g (0.62oz)	Receiver 51g (1.79oz)
Charging Case Approx. 136g (4.8oz)	Charging Case -	Charging Case  Mobile Version: 80g (2.82oz)  Combo Version: 110g (3.88oz)	Charging Case  Mobile Version: 65.6g (2.3oz)  Camera Version: 111g (3.9oz)	Charging Case 193.5g (6.8oz)	Charging Case 85.5g (3oz)	Charging Case 80g (2.8oz)	Charging Case 227.5g (8oz)
Dimensions							
Transmitter  Approx. 23.4*10.2*45.1mm (0.92" × 0.40" × 1.78")	<b>Transmitter</b> $30 \times 16.3 \times 8.8 \text{mm} (1.18'' \times 0.64'' \times 0.35'')$	Transmitter  (Main Body - Front) φ13 x 6.3mm (0.5" x 0.2")  (Main Body - Rear) φ24 x 9mm (0.9" x 0.4")	<b>Transmitter</b> 26mm x 9.9mm (1.0" x 0.4")	Transmitter  48.5mm x 30.3mm x 19.37mm (1.9" x 1.2" x 0.76")	Transmitter  48mm x 21.5mm x 10mm (1.89" x 0.85" x 0.4")	<b>Transmitter</b> 48mm x 21.5mm x 10mm (1.89" x 0.85" x 0.4")	<b>Transmitter</b> 37mm x 37mm x 17.5mm (1.5" x 1.5" x 0.69")
Receiver  USB-C RX: Approx. 40.7*9.1*27mm (1.60" × 0.36" × 1.06")  Camera RX: Approx. 54.2*22.3*29.5mm (2.13" × 0.88" × 1.16")	Receiver  Mobile Version RX: 34×16.3×9mm (1.34" x 0.64" x 0.35")	Receiver  Mobile Version RX: 40mm x 16.7mm x 9mm (1.6" x 0.7" x 0.4")  Camera Version RX: 40.5 x 25.5 x 13mm (1.6" x 1.0" x 0.5") (excluding cold shoe)	Receiver  Mobile Version RX: 40mm x 16.5mm x 9mm (1.6" x 0.6" x 0.4")  Camera Version RX: 40mm x 25.7mm x 20.5mm (1.6" x 1.0" x 0.8")	Receiver  58mm x 40.83mm x 23.17mm (2.3" x 1.6" x 0.9")	Receiver 48.3mm x 27.6mm x 9mm (1.9" x 1.1" x 0.35")	Receiver 48.3 x 27.6 x 11mm (1.9" x 1.1" x 0.43")	Receiver 67mm x 41mm x 20.5mm (2.6" x 1.6" x 0.8")
Charging Case  Approx. 101.4*47.8*58.6mm (3.99" × 1.88" × 2.31")	Charging Case -	Charging Case  Mobile Version Charging Case: 55.2mm x 75mm x 36.5mm (2.2" x 3.0" x 1.4")  Combo Version Charging Case: 86mm x 39mm x 60.5mm (3.4" x 1.5" x 2.4")	Charging Case  Mobile Version Charging Case: 75.8mm x 49.8mm x 35mm (3.0" x 2.0" x 1.4")  Camera Version Charging Case: 86mm x 54mm x 39mm (3.4" x 2.1" x 1.5")	Charging Case  115mm x 46mm x 63mm (4.5" x 1.8" x 2.5")	Charging Case 83mm x 60mm x 30mm (3.3" x 2.4" x 1.2")	Charging Case 83mm x 60mm x 30mm (3.3" x 2.4" x 1.2")	Charging Case  121mm x 61mm x 43.5mm (4.8" x 2.4" x 1.7")
Battery Capacity							
<b>Transmitter</b> 167 mAh	<b>Transmitter</b> 65mAh	<b>Transmitter</b> 85mAh	<b>Transmitter</b> 97mAh	Transmitter 300mAh	Transmitter 140mAh	<b>Transmitter</b> 140mAh	Transmitter 200mAh
Receiver  Camera RX: 300 mAh	Receiver -	Receiver  Camera Version: 145mAh	Receiver  Camera Version: 145mAh	Receiver 490mAh	Receiver -	Receiver 200mAh	Receiver 530mAh
Charging Case 2000 mAh	Charging Case 460mAh	Charging Case  Mobile Version: 680mAh  Combo Version: 1300mAh	Charging Case  Mobile Version: 750mAh  Camera Version: 1950mAh	Charging Case 2800mAh	Charging Case 1400mAh	Charging Case 1400mAh	Charging Case 3500mAh
Operating Time							
Transmitter  Approx. 11 hours	Transmitter  Approx. 9 hours	Transmitter  Approx. 9 hours	Transmitter  Approx. 10 hours	Transmitter 7.5 hours	Transmitter 8 hours	Transmitter 8 hours	Transmitter 4 hours
Receiver  Camera RX: Approx. 12 hours	Receiver	Receiver  Camera Version: Approx. 8.5 hours	Receiver  Camera Version: Approx. 9 hours	Receiver 9 hours	Receiver -	Receiver 8 hours	Receiver 7.5 hours
<ul><li>Charging Case</li><li>&gt; 2.5 times charging for all TX and RX at the same time</li></ul>	-	Charging Case  Mobile Version: > 2 times charging for 2 TX at the same time  Combo Version: > 2.5 times charging for all TX and RX at the same time	Charging Case  Mobile Version: > 2 times charging for 2 TX at the same time  Camera Version: > 3 times charging for all TX and RX at the same time	Charging Case  2 times of charging for 2 TX and 1 RX	Charging Case  3 times of charging for 2 TX	Charging Case  2 times of charging for 2 TX and 1 RX	Charging Case  2.5 times of charging for 2 TX and 1 RX
Charging Time							
Transmitter  Approx. 1.5 hours	Transmitter  Approx. 1.5 hours	Transmitter  Approx. 1 hour	Transmitter  Approx. 1.5 hours	Transmitter < 2 hours	Transmitter  1.5 hours	Transmitter  1.5 hours	Transmitter 45 minutes
Receiver  Camera RX: Approx. 1.5 hours	Receiver  Camera RX: Approx. 1.5 hours	Receiver  Camera Version: About 1.5 hours	Receiver  Camera Version: About 1.5 hours	Receiver < 2 hours	Receiver -	Receiver 1.5 hours	Receiver 65 minutes
Charging Case Approx. 2 hours	Charging Case  Approx. 1.5 hours	Charging Case  Mobile Version: < 1.5 hours  Combo Version: < 1.5 hours	Charging Case  Mobile Version: < 1.5 hours  Camera Version: < 2 hours	Charging Case < 2 hours	Charging Case  1.5 hours	Charging Case  1.5 hours	Charging Case  2.5 hours
Interface							
Transmitter -	Transmitter -	Transmitter -	Transmitter -	Transmitter  3.5mm audio input interface, USB-C	Transmitter USB-C	Transmitter USB-C	Transmitter  3.5mm audio input interface
Mobile: USB-C Camera: USB-C, 3.5mm TRS output jack, 3.5mm TRS headphone jack	Receiver  Mobile: Lightning / USB-C	Mobile: Lightning / USB-C Camera: USB-C, 3.5mm audio output jack	Mobile: Lightning / USB-C Camera: USB-C, 3.5mm audio output jack	Receiver  3.5mm headphone jack, USB-C, 3.5mm audio output interface	Receiver  Lightning (for iOS devices)  USB-C (for Android devices)	Receiver USB-C, 3.5mm audio output jack	Receiver  3.5mm headphone jack, 3.5mm audio output interface
Charging Case USB-C	Charging Case USB-C	Charging Case USB-C	Charging Case USB-C	Charging Case USB-C	Charging Case USB-C	Charging Case USB-C	Charging Case USB-C
Others							
Frequency Range 20 Hz - 20 kHz	Frequency Range 20 Hz - 20 kHz	Frequency Range 20 Hz - 20 kHz	Frequency Range 20 Hz - 20 kHz	Frequency Range 20 Hz - 20 kHz	Frequency Range 20 Hz - 20 kHz	Frequency Range 20 Hz - 20 kHz	Frequency Range 20 Hz - 20 kHz
Default Dynamic Range 106dB	Default Dynamic Range 93dB	Default Dynamic Range  80dB (Mobile Version)  94dB (Camera Version)	Default Dynamic Range  80dB (Mobile Version)  94dB (Camera Version)	Default Dynamic Range 98dB	Default Dynamic Range 86dB	Default Dynamic Range 86dB	Default Dynamic Range 86dB
Internal Recording  14-Hour Recording with 24-bit   8GB Built-In Storage	Internal Recording -	Internal Recording -	Internal Recording -	Internal Recording  14-Hour Recording   8GB Built-In Storage	Internal Recording -	Internal Recording -	Internal Recording -

Receiver	Receiver	Receiver	Receiver	Receiver	Receiver	Receiver	Receiver
Mobile: USB-C Camera: USB-C, 3.5mm TRS output jack,	Mobile: Lightning / USB-C	Mobile: Lightning / USB-C Camera: USB-C, 3.5mm audio output jack	Mobile: Lightning / USB-C Camera: USB-C, 3.5mm audio output jack	3.5mm headphone jack, USB-C, 3.5mm audio output interface	Lightning (for iOS devices) USB-C (for Android devices)	USB-C, 3.5mm audio output jack	3.5mm headphone jack, 3.5mm audio outp
3.5mm TRS headphone jack							
Charging Case	Charging Case	Charging Case	Charging Case	Charging Case	Charging Case	Charging Case	Charging Case
USB-C	USB-C	USB-C	USB-C	USB-C	USB-C	USB-C	USB-C
Others							
Frequency Range	Frequency Range	Frequency Range	Frequency Range	Frequency Range	Frequency Range	Frequency Range	Frequency Range
20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz
Default Dynamic Range	Default Dynamic Range	Default Dynamic Range	Default Dynamic Range	Default Dynamic Range	Default Dynamic Range	Default Dynamic Range	Default Dynamic Range
106dB	93dB	80dB (Mobile Version)	80dB (Mobile Version)	98dB	86dB	86dB	86dB
		94dB (Camera Version)	94dB (Camera Version)				
Internal Recording	Internal Recording	Internal Recording	Internal Recording	Internal Recording	Internal Recording	Internal Recording	Internal Recording
14-Hour Recording with 24-bit   8GB Built-In Storage 10-Hour Recording with 32-bit Float   8GB	-	-	-	14-Hour Recording   8GB Built-In Storage	-	-	-
Built-In Storage							
EQ Settings	EQ Settings	EQ Settings	EQ Settings	EQ Settings	EQ Settings	EQ Settings	EQ Settings
Yes	Yes	-	-	Yes	-	-	-
Mic Gain Settings	Mic Gain Settings	Mic Gain Settings	Mic Gain Settings	Mic Gain Settings	Mic Gain Settings	Mic Gain Settings	Mic Gain Settings
Yes	Yes	Yes	-	Yes	-	-	-
Display Screen	Display Screen	Display Screen	Display Screen	Display Screen	Display Screen	Display Screen	Display Screen
AMOLED Touchscreen with Screen Lock	_	-	-	AMOLED Touchscreen with Screen Lock	_	-	No Screen Lock
Indicator / Screen Brightness Adjustment	Indicator / Screen Brightness Adjustment	Indicator / Screen Brightness Adjustment	Indicator / Screen Brightness Adjustment	Indicator / Screen Brightness Adjustment	Indicator / Screen Brightness Adjustment	Indicator / Screen Brightness Adjustment	Indicator / Screen Brightness Adjustmen
Yes	Yes	-	-	Yes	-	-	-
Real-Time Monitoring	Real-Time Monitoring	Real-Time Monitoring	Real-Time Monitoring	Real-Time Monitoring	Real-Time Monitoring	Real-Time Monitoring	Real-Time Monitoring
Wireless Monitoring	_	-	-	Wired Monitoring	-	-	Wired Monitoring
The above data is based on Hollyland lab test resu	ılts; actual performance may vary.						