

# Good, Better, Best Value Bundles

Infiniium MXR-Series oscilloscopes

## Save Up to 30% on Pre-Configured MXR Bundles

Need to meet tough design constraints on a tight budget? Keysight's Good, Better, Best Value Bundles on our MXR A and B-Series oscilloscopes can help jumpstart your next design project. Knowing what to order for your specific application can be daunting, so we made ordering easier by prepackaging commonly-used features and software into convenient bundles. Enjoy savings of up to 30% when you purchase a new MXR oscilloscope and choose the bundle that best fits your needs.



# What's Included in the MXR Good, Better, Best Bundles

Keysight engineers crafted the following pre-configured bundles to help you meet design needs easily and economically.

## MXR A-Series bundles

Bundle component	Description	Good bundle MXRxxx-010	Better bundle MXRxxx-020	Best bundle MXRxxx-030
MXR1xx/2xx/4xx/6xxA	MXR oscilloscopes, ≥1 GHz	✓	✓	✓
MXR000-MSO	16 digital channels	✓	✓	✓
MXR000-WAV	50 MHz waveform generator	✓	✓	✓
D9110LSSP	Low-speed serial protocol package	✓	✓	✓
D9110SCNA	InfiniiScan Event Identification Software		✓	✓
MXR000-400	400 Mpts/channel memory upgrade		✓	
MXR000-GIG	1.6 Gpts combined flexible memory			✓
MXR000-320	RTSA (320 MHz) and DDC (2 GHz)			✓
Savings		15%	20%	25%

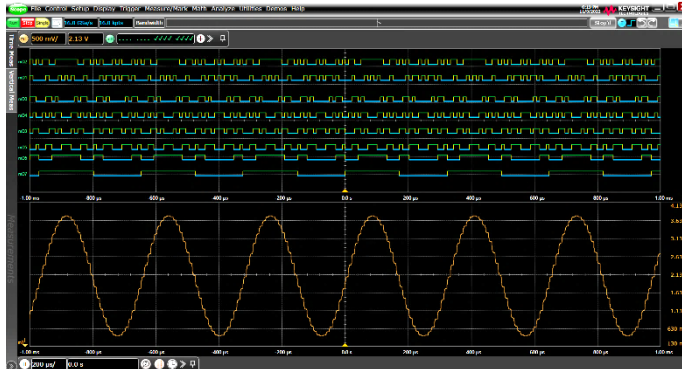
## MXR B-Series bundles

Bundle component	Description	Good bundle MXRxxx-010	Better bundle MXRxxx-020	Best bundle MXRxxx-030
MXR1xx/2xx/4xx/6xxB	MXR oscilloscopes, ≥1 GHz	✓	✓	✓
MXR000-MSO	16 digital channels	✓	✓	✓
D9010LSSP	Low-speed protocol bundle	✓	✓	✓
MXR000-400	400 Mpts/ch memory upgrade		✓	✓
MXR000-GIG	1.6 Gpts combined flexible memory			✓
MXR001-01T	1 TB removable SSD			✓
MXR000-160	RTSA (160 MHz) and DDC (2 GHz)			✓
Savings		20%	25%	30%

# Overview of Bundle Components

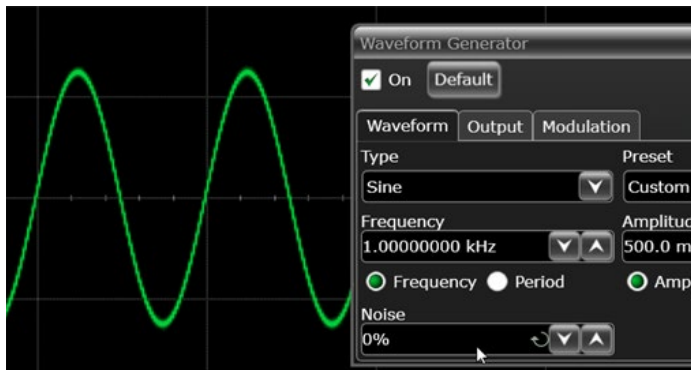
## 16-channel logic analysis (MXR000-MSO)

This mixed signal oscilloscope (MSO) option enables logic analysis capability, giving you 16 dedicated digital channels. This means you do not need to sacrifice your analog inputs like you do with other oscilloscopes on the market. This option also includes an N2756A MSO probe.



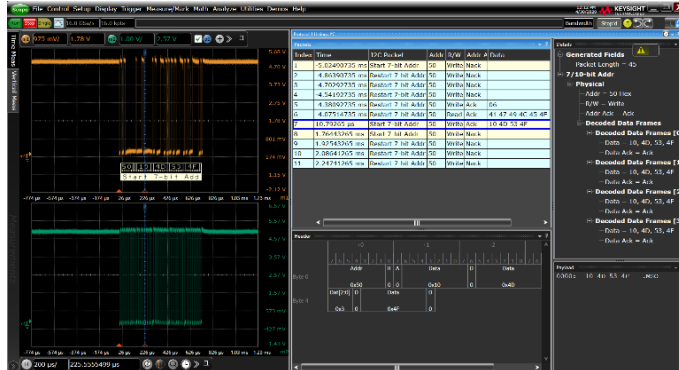
## 50 MHz WaveGen (MXR000-WAV)

The integrated 50 MHz WaveGen can output a variety of pre-configured waveforms including sine, square, pulse, triangle, ramp, noise, DC, cardiac, exponential rise / fall, and arbitrary. It is also capable of generating AM, FM, and FSK modulation. You also can use the WaveGen to send command signals, simulate added channel noise, see frequency response, and stress test your designs with ease.



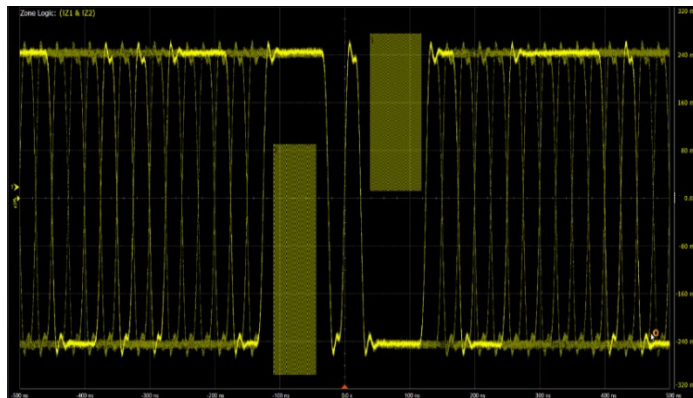
## Low-speed serial protocol package (D9110LSSP)

The MXR's protocol trigger and decode packages make it easy to debug and test digital designs. This bundle is comprised of the following protocol decodes: I2C, SPI, Quad SPI, RS232, UART, I2S, SVID, and Manchester.



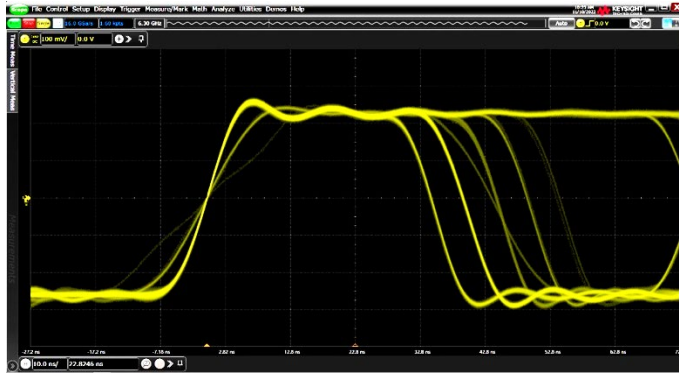
## InfiniiScan (D9110SCNA)

This software package allows you to create a three-stage trigger to identify signal integrity issues that traditional triggering is unable to find in your electronic designs. This innovative software scans through thousands of acquired waveforms per second to help you isolate signal anomalies, saving you precious troubleshooting time. Trigger by drawing up to eight on-screen regions for a signal to intersect or not intersect, or based on measured parameters.



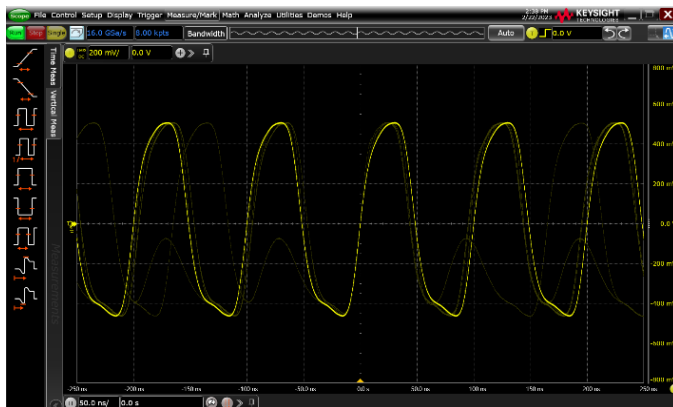
## 400 Mpts/Ch memory (MXR000-400)

This option offers additional memory for your MXR-Series oscilloscope. Deep memory helps you capture longer periods of time, maintain a faster sample rate (over a constant period of captured time), and obtain better measurement and analysis results.



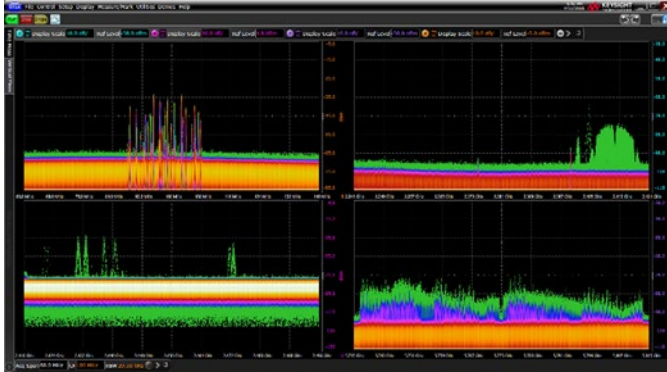
## 1.6 Gpts combined flexible memory (MXR000-GIG)

Divide a maximum of 1.6 giga-samples of acquisition memory however you choose between channels 1 to 4 and channels 5 to 8 on your oscilloscope. This capability allows you to capture long waveforms at high sample rates to visualize elusive signal anomalies.



## RTSA and DDC (MXR000-160/320)

This option enables digitally down-converted data to be displayed and measured on-screen, visualized in Real-Time Spectrum Analyzer (RTSA) mode, or exported to PathWave Vector Signal Analysis (89600 VSA) for further measurements. The DDC span is up to 2.16 GHz on all channels, the RTSA span is either 160 MHz or 320 MHz, and the RTSA and DDC center frequency matches the frequency of the scope (or 6 GHz with frequency extension).



## 1 TB removable SSD (MXR001-01T)

A 1 TB removable Solid State Drive provides extra file storage. Store more waveforms local to the oscilloscope, or have more programs installed (MATLAB, etc.) The SSD comes with Windows 10 and Infiniium application software pre-installed. Removeable storage allows easy, secure transport of the scope in and out of a secure environment (i.e., your sensitive data would not have to leave a secure environment).



# Meet the Infiniium MXR-Series Oscilloscopes

You want your design to shine, and that means seeing more signals in new ways. Go from symptom to resolution fast with a Keysight Infiniium MXR-Series oscilloscope that couples the efficiency of an 8-in-1 bench solution with unprecedented simultaneous 8-channel performance. The MXR-Series has twelve models ranging in performance from 500 MHz to 6 GHz, 4 or 8 analog channels, and dozens of hardware and software options. It is designed to meet your needs today, and with a fully upgradeable platform, it is ready for your measurement needs tomorrow.

## Infiniium MXR-Series specifications

Analog channels	4 or 8, upgradeable
Bandwidth	500 MHz to 6 GHz, upgradeable
Sample rate	16 GSa/s
Memory	200 Mpts, upgradeable
Resolution	10 bits, up to 16 with high resolution
ENOB	As high as 9.0
Timebase accuracy	8 parts per billion
Intrinsic Jitter	As low as 118 fs
Noise (1 mV/div)	As low as 43 $\mu$ V
Digital logic channels	16, dedicated input, upgradeable
Integrated tools	8-in-1
Eye diagram speed	>750,000 UI/s
Screen display	15.6" touch, full HD, dual-screen support

## Post-purchase upgrades

Analog bandwidth, up to 6 GHz	MXR2BW
Analog channels, 4 to 8	MXR28CH / MXRB8CH (for MXR B)
Memory, 400 Mpts/ch or 1.6 Gpts/ch combined flexible memory	MXR2MEM
RTSA and DDC	MXR2RTSA
RF frequency extension, 6 GHz	MXR2FRE
Waveform generator, 50 MHz	MXR2WAV (Standard on MXR B)
MSO, 16 channels	MXR2MSO
Additional removable SSD, 500 GB or 1 TB	MXR2SSD / MXRBSSD (for MXR B)
Rackmount kit, 8U	MXR2RACK

## Model number

Keysight enables innovators to push the boundaries of engineering by quickly solving design, emulation, and test challenges to create the best product experiences. Start your innovation journey at [www.keysight.com](http://www.keysight.com).



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