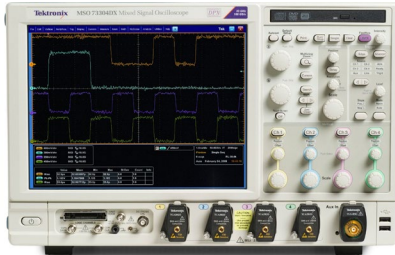


# MSO/DPO70000 Series - Worldwide

## INVESTMENT PROTECTION PROGRAM

### Bandwidth Upgrades, Conversions, and Trade-up/Trade-Ins

- DPO70000SX Series Scalable Performance Oscilloscope
- MSO/DPO70000DX Series Mixed Signal & Digital Phosphor Oscilloscope



70KDX with TekConnect



70KSX with TekConnect



70KSX with ATI

### Keep Your Oscilloscope Up with Your Needs

As signals get faster and new standards are developed, your MSO/DPO70000 Series can evolve with your needs:

- **Upgrade the bandwidth and/or add MSO features to your current DPO unit**
  - Increase bandwidth to handle faster signals and testing new standards.
  - Add MSO features to your current DPO model
  - Add digital channel functionality and increase system visibility to 20 channels.
- **Convert your existing unit to an entirely new series**
  - Improve system throughput, increase bandwidth to handle faster signals and testing new standards.
  - Windows 10 Upgrade not included. Recommended to upgrade to Windows 10 64-bit to get access to the latest analysis software options. Contact your local Tektronix representative for details.
- **Trade-up/Trade-in your older Tektronix oscilloscope for a brand new Tektronix oscilloscope**
  - Receive credit based on the age of the instrument (as determined by Tektronix)

**Our full range of options ensure your MSO/DPO70000 Series oscilloscope has the tools you need for your next project.**

- **Serial Number:** Your upgraded or converted unit keeps its serial number, but receives a new model number reflecting its new performance capabilities.
- **Original Options:** All options on the original unit are transferred to the upgraded or converted unit to preserve your investment.
- **Warranty:** Converted units receive a new 1-year warranty; upgraded units receive a 90-day warranty, or the balance of their original warranty.
- **Service Contracts:** Contracts transfer to the upgraded or converted unit.

**See the following pages for upgrades and options to order for the capabilities you want.**

# MSO/DPO 70K Series BW Upgrades or Conversions: Worldwide

## HOW TO ORDER BW UPGRADES or CONVERSION KITS

For each BW upgrade and/or conversion, include appropriate option(s):

**BW Upgrade and/or Conversion Kit + Required Option**

**Step 1.**  
Select the BW upgrade and/or conversion kit for your scope.

**Step 2.**  
Select the required options (only 1 from either column).

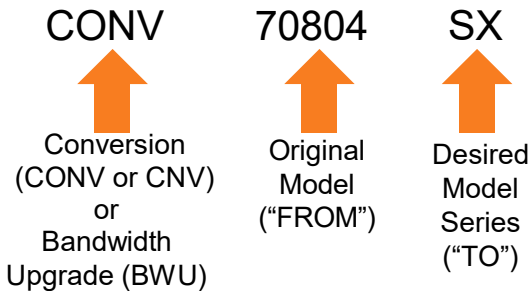
Conversion Kit	Convert FROM 70KDX (Bandwidth)	Bandwidth After Upgrade	Required Options	
			Convert TO DPO70000SX (1-unit)	Convert TO DPS70000SX (2-unit system)
CONV70804-SX	MSO/DPO70804DX (8GHz)	33GHz	IFC, 33GDPO	IFC, 33GDPS
		50GHz	IFC, 50GDPO	IFC, 50GDPS
		59GHz	IFC, 59GDPO	IFC, 59GDPS

**Example 1:**  
Convert 8GHz to 33GHz SX-Series (1-unit):  
CONV70804-SX + IFC + 33GDPO

**Example 2:**  
Convert 8GHz to 59GHz SX-Series System (2-unit system):  
CONV70804-SX + IFC + 59GDPS

BW Upgrade or Conversion Kit Nomenclature Guidelines

Options Guidelines



- IFC required for all conversions and upgrades
- Select bandwidth option to upgrade to higher bandwidth after upgrade
- Add DPS capabilities with or without bandwidth upgrade



# MSO/DPO 70K Series **Bandwidth / MSO Upgrades:** Worldwide

## 70000DX SERIES BANDWIDTH UPGRADES, WITHOUT CONVERSION

### MSO/DPO70000DX Series **Bandwidth Upgrade, Without Conversion**

Increase bandwidth to handle faster signals and test new standards.

Upgrade Kit	Upgraded Models (Bandwidth)	Bandwidth After Upgrade	Required Options
<b>BWU70KDX</b>	MSO/DPO70804DX Series (8GHz)	12.5GHz	IFC, 8T125
		16GHz	IFC, 8T16
		20GHz	IFC, 8T20
		23GHz	IFC, 8T23
		25GHz	IFC, 8T25
		33GHz	IFC, 8T33
	MSO/DPO71254DX Series (12.5GHz)	16GHz	IFC, 125T16
		20GHz	IFC, 125T20
		23GHz	IFC, 125T23
		25GHz	IFC, 125T25
	MSO/DPO71604DX Series (16GHz)	33GHz	IFC, 125T33
		20GHz	IFC, 16T20
		23GHz	IFC, 16T23
		25GHz	IFC, 16T25
	MSO/DPO72004DX Series (20GHz)	33GHz	IFC, 16T33
		23GHz	IFC, 20T23
		25GHz	IFC, 20T25
	MSO/DPO72304DX Series (23GHz)	33GHz	IFC, 20T33
25GHz		IFC, 23T25	
MSO/DPO72504DX Series (25GHz)	33GHz	IFC, 23T33	
	33GHz	IFC, 25T33	

### DPO70000DX Series **MSO70000DX Series\*1**

Add MSO or digital channel functionality and increase system visibility to 20 channels.

Conversion Kit	Upgraded Models	Required Options
<b>DPO-UP</b>	DPO72304DX DPO72504DX DPO73304DX	MSOX*1

\*1. DPO-UP Option MSOX is only for DPO70KDX units, serial number BO37xxxx and lower.

For DPO70KDX units, serial number BO38xxxx and higher, please contact your local Tektronix representative for upgrade options

# MSO/DPO 70K Series **Bandwidth / MSO Upgrades:** Worldwide

## 70000SX SERIES BANDWIDTH UPGRADES, WITHOUT CONVERSION

DPO70000SX Series  Bandwidth Upgrade, Without Conversion

Upgrade Kit	Upgraded Models (Bandwidth)	Bandwidth After Upgrade	Required Options
<b>BWU70KSX</b>	DPO71304SX (13GHz)	16GHz	IFC, 13T16
		20GHz	IFC, 13T20
		23GHz	IFC, 13T23
		25GHz	IFC, 13T25
		33GHz	IFC, 13T33
		50GHz	IFC, 13T50
		59GHz	IFC, 13T59
	DPO71604SX (16GHz)	20GHz	IFC, 16T20
		23GHz	IFC, 16T23
		25GHz	IFC, 16T25
		33GHz	IFC, 16T33
		50GHz	IFC, 16T50
		59GHz	IFC, 16T59
	DPO72004SX (20GHz)	23GHz	IFC, 20T23
		25GHz	IFC, 20T25
		33GHz	IFC, 20T33
		50GHz	IFC, 20T50
		59GHz	IFC, 20T59
	DPO72304SX (23GHz)	25GHz	IFC, 23T25
		33GHz	IFC, 23T33
		50GHz	IFC, 23T50
		59GHz	IFC, 23T59
	DPO72504SX (25GHz)	33GHz	IFC, 25T33
		50GHz	IFC, 25T50
59GHz		IFC, 25T59	
DPO73304SX (33GHz)	50GHz	IFC, 33T50	
	59GHz	IFC, 33T59	
DPO75002SX (50GHz)	59GHz	IFC, 50T59	

# MSO/DPO 70K Series **Bandwidth / MSO Upgrades:** Worldwide

## 70000SX SERIES BANDWIDTH UPGRADES, WITHOUT CONVERSION

**DPO70000SX Series**  **Bandwidth Upgrade to 70GHz, Without Conversion**

Upgrade Kit	Upgraded Models (Bandwidth)	Bandwidth After Upgrade	Required Options
<b>BWU70KSX-70G 13T70</b>	DPO71304SX (13GHz)	70GHz	IFC
<b>BWU70KSX-70G 16T70</b>	DPO71604SX (16GHz)	70GHz	IFC
<b>BWU70KSX-70G 20T70</b>	DPO72004SX (20GHz)	70GHz	IFC
<b>BWU70KSX-70G 23T70</b>	DPO72304SX (23GHz)	70GHz	IFC
<b>BWU70KSX-70G 25T70</b>	DPO72504SX (25GHz)	70GHz	IFC
<b>BWU70KSX-70G 33T70</b>	DPO73304SX (33GHz)	70GHz	IFC
<b>BWU70KSX-70G 50T70</b>	DPO75002SX (50GHz)	70GHz	IFC
<b>BWU70KSX-70G 59T70</b>	DPO75902SX (59GHz)	70GHz	IFC

### Service Options for All Bandwidth Upgrades and Converted Products

**Bandwidth Upgrades:** Service contracts transfer –  
New options can be purchased.

**Product Conversions:** Service contracts transfer –  
New options can be purchased

Service Option	Three Years Coverage	Service Option	Five Years Coverage
<b>G3</b>	Three Years Gold Care Plan coverage	<b>G5</b>	Five Years Gold Care Plan coverage
<b>C3</b>	Three Years Factory Certified Calibration Coverage	<b>C5</b>	Five Years Factory Certified Calibration Coverage
<b>R3</b>	Three Years Silver Care Plan Coverage	<b>R5</b>	Five Years Silver Care Plan Coverage



# MSO/DPO 70K Series **Product Conversions:** Worldwide

## 8-33 GHz 7000DX SERIES CONVERSIONS TO 7000SX SERIES

### MSO/DPO7000DX Series DPO7000SX Series

Improve system throughput, increase bandwidth to handle faster signals and testing new standards.

For each upgrade and/or conversion, include the appropriate option(s).

**Example to convert 16GHz to 33GHz SX-Series:**

CONV71604-SX + IFC + 33GDPO

**Example to convert 16GHz to 70GHz SX-Series 2-unit System:**

CONV71604-SX70G + IFC + DPS \*2

Conversion Kit	Convert FROM 70KDX (Bandwidth)	Bandwidth After Upgrade	Required Options	
			Convert TO DPO7000SX	Convert TO DPS7000SX (2-unit system)
CONV70804-SX	MSO/DPO70804DX (8GHz)	33GHz	IFC, 33GDPO	IFC, 33GDPS
		50GHz	IFC, 50GDPO	IFC, 50GDPS
		59GHz	IFC, 59GDPO	IFC, 59GDPS
CONV71254-SX	MSO/DPO71254DX (12.5GHz)	33GHz	IFC, 33GDPO	IFC, 33GDPS
		50GHz	IFC, 50GDPO	IFC, 50GDPS
		59GHz	IFC, 59GDPO	IFC, 59GDPS
CONV71604-SX	MSO/DPO71604DX (16GHz)	33GHz	IFC, 33GDPO	IFC, 33GDPS
		50GHz	IFC, 50GDPO	IFC, 50GDPS
		59GHz	IFC, 59GDPO	IFC, 59GDPS
CONV72004-SX	MSO/DPO72004DX (20GHz)	33GHz	IFC, 33GDPO	IFC, 33GDPS
		50GHz	IFC, 50GDPO	IFC, 50GDPS
		59GHz	IFC, 59GDPO	IFC, 59GDPS
CONV72304-SX	MSO/DPO72304DX (23GHz)	33GHz	IFC, 33GDPO	IFC, 33GDPS
		50GHz	IFC, 50GDPO	IFC, 50GDPS
		59GHz	IFC, 59GDPO	IFC, 59GDPS
CONV72504-SX	MSO/DPO72504DX (25GHz)	33GHz	IFC, 33GDPO	IFC, 33GDPS
		50GHz	IFC, 50GDPO	IFC, 50GDPS
		59GHz	IFC, 59GDPO	IFC, 59GDPS
CONV73304-SX	MSO/DPO73304DX (33GHz)	33GHz	IFC, 33GDPO	IFC, 33GDPS
		50GHz	IFC, 50GDPO	IFC, 50GDPS
		59GHz	IFC, 59GDPO	IFC, 59GDPS

\*2. When converting from a single unit to a **DPS7000SX**, all options on the original unit are transferred to both units of the 2-stack; each unit will have a full set of option licenses based on the original unit's configuration.

# MSO/DPO 70K Series **Product Conversions:** Worldwide

## 8-33 GHz 7000DX SERIES CONVERSIONS TO 7000SX SERIES

**MSO/DPO7000DX Series**  **DPO7000SX Series**

Improve system throughput, increase bandwidth to handle faster signals and testing new standards.

For each upgrade and/or conversion, include the appropriate option(s).

Conversion Kit	Convert FROM 70KDX (Bandwidth)	Bandwidth After Upgrade	Required Options	
			Convert TO DPO77002SX	Convert TO DPS77004SX (2-unit system)
<b>CNV70804-SX70G</b>	MSO/DPO70804DX (8GHz)	70GHz	IFC, DPO	IFC, DPS
<b>CNV71254-SX70G</b>	MSO/DPO71254DX (12.5GHz)	70GHz	IFC, DPO	IFC, DPS
<b>CNV71604-SX70G</b>	MSO/DPO71604DX (16GHz)	70GHz	IFC, DPO	IFC, DPS
<b>CNV72004-SX70G</b>	MSO/DPO72004DX (20GHz)	70GHz	IFC, DPO	IFC, DPS
<b>CNV72304-SX70G</b>	MSO/DPO72304DX (23GHz)	70GHz	IFC, DPO	IFC, DPS
<b>CNV72504-SX70G</b>	MSO/DPO72504DX (25GHz)	70GHz	IFC, DPO	IFC, DPS
<b>CNV73304-SX70G</b>	MSO/DPO73304DX (33GHz)	70GHz	IFC, DPO	IFC, DPS

### Service Options for All Bandwidth Upgrades and Converted Products

**Bandwidth Upgrades:** Service contracts transfer –  
New options can be purchased.

**Product Conversions:** Service contracts transfer –  
New options can be purchased

Service Option	Three Years Coverage	Service Option	Five Years Coverage
<b>G3</b>	Three Years Gold Care Plan coverage	<b>G5</b>	Five Years Gold Care Plan coverage
<b>C3</b>	Three Years Factory Certified Calibration Coverage	<b>C5</b>	Five Years Factory Certified Calibration Coverage
<b>R3</b>	Three Years Silver Care Plan Coverage	<b>R5</b>	Five Years Silver Care Plan Coverage

\*2. When converting from a single unit to a **DPS7000SX**, all options on the original unit are transferred to both units of the 2-stack; each unit will have a full set of option licenses based on the original unit's configuration.

# MSO/DPO 70K Series Trade-Up/Trade-Ins: Worldwide

- **Trade-up/Trade-in your older Tektronix oscilloscope for a brand new Tektronix oscilloscope**
  - Exchange your older, out-of-production Tektronix oscilloscope for a brand new 70K model
  - Receive credit based on the age of the instrument (as determined by Tektronix)
  - Restarts the Long-Term Support clock to preserve your investment for years to come
  - Consult your local Tektronix field representative for further details

# Tektronix

