

ScopeCorder
DL850E/DL850EV

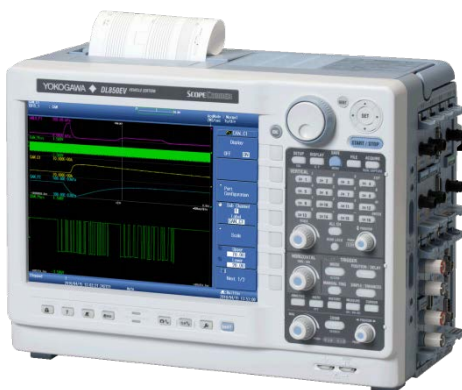
Introduction for Firmware Ver. 3.21

Precision Making

New and improved features are available to support a wide variety of applications. The DL850E/DL850EV latest firmware version 3.21 enables your ScopeCorder to be an even more effective instrument for your measurement needs.

Waveform printing on long roll paper

By connecting the external USB mobile printer*, high-resolution printing on a A4-size long paper is available. Once measurement is completed, the displayed waveforms can be printed. Long print by adjusting time magnification can be done. You can check the measurement results immediately while on-site.



USB

USB printer*

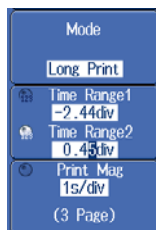
Roll printer case (sold separately)



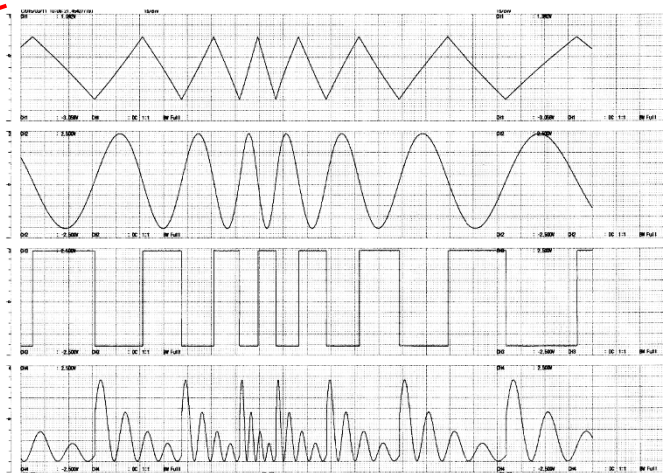
* Supported printers are Model PJ663/623 PocketJet 6 Plus. (Supplier: Brother Industries, Ltd.) These printers are both AC and battery-powered. Brother Industries, Ltd. <http://www.brother.com/index.htm>



DL850E/EV display



Print only what you need by specifying the Time Range.

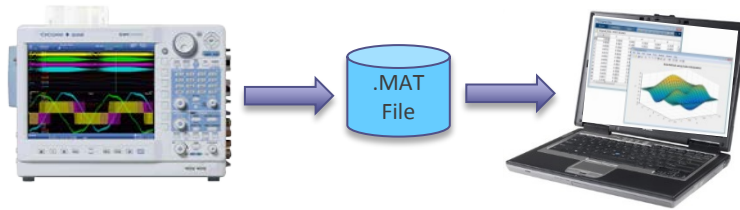


High resolution print example on A4 size long roll paper.

MATLAB* file saving

Measurement data can be directly saved into MATLAB .MAT format file.
 .MAT files can be loaded into MATLAB. Measurement data can be conveniently imported into MATLAB quickly with smaller file size.

* MATLAB is a multi-paradigm numerical computing environment and fourth-generation programming language. Developed by MathWorks.



Compatible with
MAT-File Format5

GPS position information

GPS position information at triggering point is indicated in the .wdf file property window.

Location at triggering point can be identified.

Note: This feature is available only when the time synchronization feature based on GPS signals (Time Synch, /C30 option) is in use.

Other new features

- Complete data deletion of the internal devices for security.
- "Infinite" setting is newly added as a number of action for e-mail transmission.
- "1 A:1 V" setting is a newly added selection for current probe attenuation.
- "5-division" setting is newly added as a division of the T-Y waveform display window.

Model/Suffix Code

Model	Suffix	Description
DL850E		DL850E main unit, 250 MPts (W) memory ^{*1}
DL850EV		DL850EV main unit, 250 MPts (W) memory ^{*1}
Power Cord	-D	UL and CSA standard
	-F	VDE standard
	-R	AS standard
	-Q	BS standard
	-H	GB standard
	-N	NBR standard
Languages	-HE	English menu and panel
	-HJ	Japanese menu and panel
	-HC	Chinese menu and panel
	-HK	Korean menu and panel
	-HG	German menu and panel
	-HF	French menu and panel
	-HL	Italian menu and panel
	-HS	Spanish menu and panel
Options	/B5	Built-in printer (112 mm) ^{*5}
	/DC	DC 12 V power (10-18 V DC) (can be specified for DL850EV only) ^{*5}
	/M1	Memory expansion to 1 Gpts (W) ^{*2}
	/M2	Memory expansion to 2 Gpts (W) ^{*2}
	/HD0	External HDD interface ^{*3}
	/HD1	Internal HDD (500 GB) ^{*3}
	/C1	GP-IB interface ^{*4}
	/C20	IRIG and GP-IB interface ^{*4}
	/C30	GPS interface ^{*4, *7}
	/G2	User-defined math function
	/G3	Real time math function ^{*6}
	/G5	Power math function (with including Real time math function) ^{*6}
	/P4	Four probe power outputs

Plug-in Module Model Numbers

Model	Description
720210	High-speed 100 MS/s 12-Bit Isolation Module
720220	Voltage Input Module (16 ch)
720221	16-CH Temperature/Voltage Input Module
701953-L1	16-CH Scanner Box (provided with 1 m cable)
701953-L3	16-CH Scanner Box (provided with 3 m cable)
720230	Logic Input Module (16 ch)
720240	CAN Bus Monitor Module (32 ch, available DL850EV only)
720241	CAN & LIN Bus Monitor Module
701250	High-speed 10 MS/s 12-Bit Isolation Module
701251	High-speed 1 MS/s 16-Bit Isolation Module
701255	High-speed 10 MS/s 12-Bit non-Isolation Module
701267	High-voltage 100 KS/s 16-Bit Isolation Module (with RMS)
701261	Universal Module
701262	Universal Module (with Anti-Aliasing Filter)
701265	Temperature/high-precision voltage Module
701270	Strain Module (NDIS)
701271	Strain Module (DSUB, Shunt-CAL)
701275	Acceleration/Voltage Module (with Anti-Aliasing Filter)
701281	Frequency Module

* Probes are not included with any modules.

Note 1: These modules can be used with the DL750/DL750P/SL1000 and SL1400 as well with some exceptions.

Note 2: Up to two 720240 or 720241 modules in total can be installed in a single DL850EV main unit.

Note 3: Max. four (4) 720210 modules can be installed in a main unit.

Note 4: The use of a 720221 module always requires the External Scanner Box (model 701953).

Xviewer model numbers and suffix codes

Model	Suffix	Description
701992	-SP01	Xviewer Standard Edition (1 license)
	-GP01	Xviewer Math Edition (1 license)
Option	/JS01	DL850 Advanced Utility (1 license)

*Some volume license packs are available. Please contact our sales representative.

*1: The main unit is not supplied with a plug-in module.

*2, *3, *4, *5, and *6: When selecting these, specify one of them.

*7: The /C30 option can be provided only for a nation that is not prohibited by the Radio Law.



YMI-KS-MI-SE01

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