

Reduce energy operating and maintenance costs while extending the life of your system.

With the SignalForce E-Link option, you can remotely control and monitor the performance of SignalForce shakers powered by DSA15 series multi-bay amplifiers. Designed for easy access via Ethernet, SignalForce E-Link allows control of all amplifier functions and provides a remote dashboard of all amplifier parameters.



Product Features

- TCP/IP connectivity - not cable length prohibited, such as RS-232 or USB devices
- Complete amplifier control and status monitoring
- Digital gain control
- Digital armature voltage and current readouts with visual indications showing high and low limits
- Digital field supply voltage and current readouts with visual indications showing high and low limits
- Armature and field coil water temperature monitoring
- Armature temperature monitoring
- Persistent emergency stop and gain control on every tab
- Fully integrated fault monitoring
- Switching for sine/random selection
- Switching for field current: 50% and 100% field
- Output waveform display for diagnostics
- Embedded accelerometer monitoring

Optimize the Amplifier Setup for Each Test Right From Your Control Desk

The easy-to-use interface allows you to shutdown extra power bays or reduce field current when running low force tests. Never waste energy again, reduce maintenance costs and extend the life of your system.

SignalForce E-Link provides advanced software and powerful DSP hardware for DSA15 multi-bay amplifiers.

The DSP Hardware is the same proven hardware used in our 700 Series vibration controllers and signal analyzers.

Existing Data Physics and Ling amplifiers can be upgraded with E-Link.

DpSetupForm

Parameter	Maximum Value	Minimum Value	High Value	Low Value	mV/EU
▶ Armature Voltage [V]	160	0	140	0	50.5
Armature Current(A)	1500	0	1400	0	50.5
Field Voltage(V)	160	0	140	0	50.5
Field Current(A)	1500	0	1400	0	50.5
Armature Inlet Temp.	250	70	130	70	50.5
Field Inlet Temp.	250	70	160	70	50.5
Armature T/C Temp.	250	70	210	70	50.5
Over Current Power Bay1					50.5
Over Current Power Bay2					50.5
Over Current Power Bay3					50.5
Over Current Power Bay4					50.5
* Gain (%)	100	0	90	0	

Temperature Unit:

Number of Bays:

Shaker Name (Sans Hardware Mode):

SignalForce E-Link

Status | Control | Waveform

Test Type

OK to Select Sine Random

Field Current

OK to Select Half Full

Gain

Control Power P.A. Power

E-STOP

Test

