

1 Channel | XE-650.OA

Piezo Amplifier



Introduction

XE-650.OA piezoelectric controller is a small-volume single channel piezo driver with -20~120V output voltage and open-loop control.

Characteristics

- 1 channel
- Small size
- Output -20~120V
- Open-loop control

Applications >>

- Driving piezo actuator
- Driving FTS fast tool positioner
- Driving piezo nanopositioning stage
- Driving piezo scanning platform
- Driving piezo objective scanner
- Driving capacitive load
- Driving piezo shifter



Harbin Core Tomorrow Science & Technology Co., Ltd.

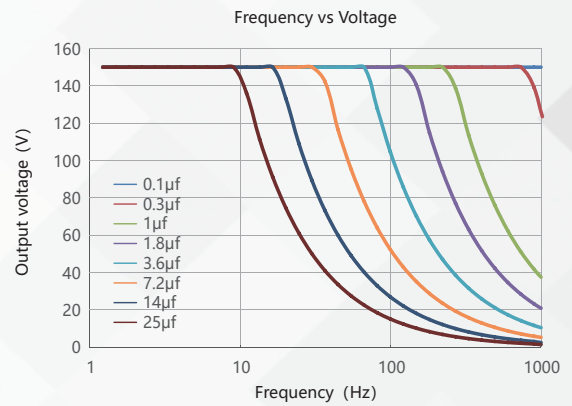
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Technical Data >>

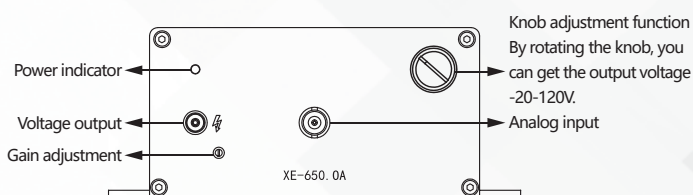
Type	XE-650.OA
Functions	Analog open-loop amplifier
Output channels	1
Control analog input(V)	-1.67~10
Output voltage range(V)	-20~120 (optional -20~150)
Peak current(mA)	150
Ave. current(mA)	50
Bandwidth(kHz)	1
Output ripple(mVpp)	20
PZT output connector	ERA.00.250.CLL
Analog input connector	BNC-50KY female
Control mode	Analog input, knob adjustment
Sensor connector	ERA.0S.304.CLL
Sensor monitoring connector	BNC-50KY female
Operating temperature(° C)	0~50
Size(mm)	L147×W61×D141
Mass(kg)	1.3
Power supply	220VAC 50Hz±10%

Curves >>

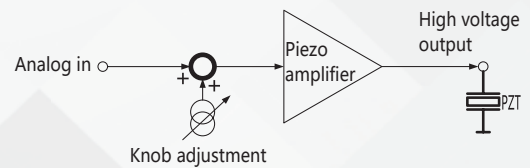


Disclaimer: The data here are typical, only for reference. Some variations will occur for different batch.

Panel Introduction >>



Driving Principle >>



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