

USB Key Divide and Delay Box

New USB Key Divide and Delay (KDD) box provides versatile trigger divide, delay and generation functions.

The KDD is perfect for synchronizing the two active sonar devices thereby preventing interference.

Do you use a simultaneous sidescan and sub-bottom application?

Use the KDD to fire the sub-bottom at a user specified interval of the sidescan trigger.

Do you use deep water sub-bottom application?

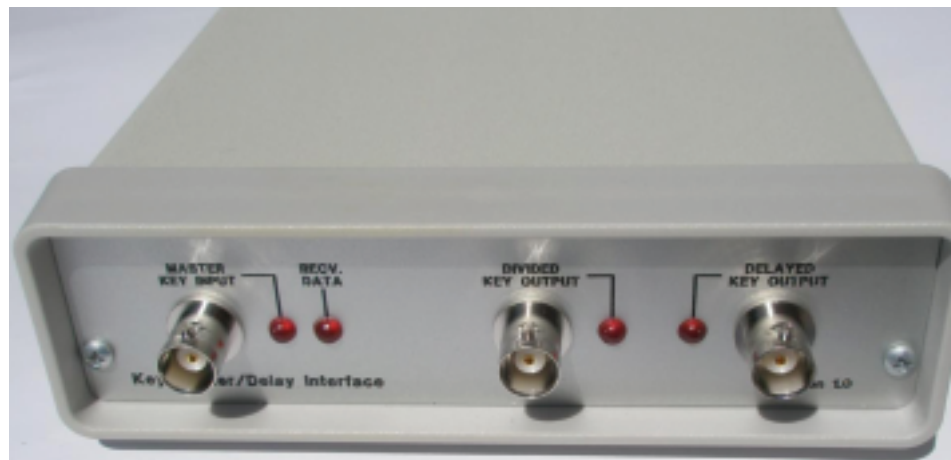
Use the KDD to delay the start of recording in your data acquisition system.

Do you need a programmable trigger source?

The KDD has a built in 1kHz clock capable of generating key pulses between 1ms and 1 second.

Do you use SonarWiz.MAP?

The KDD is fully integrated into SonarWiz.MAP+SBP allowing you full control over the divide and delay features when using our new USB analog to digital converter box.



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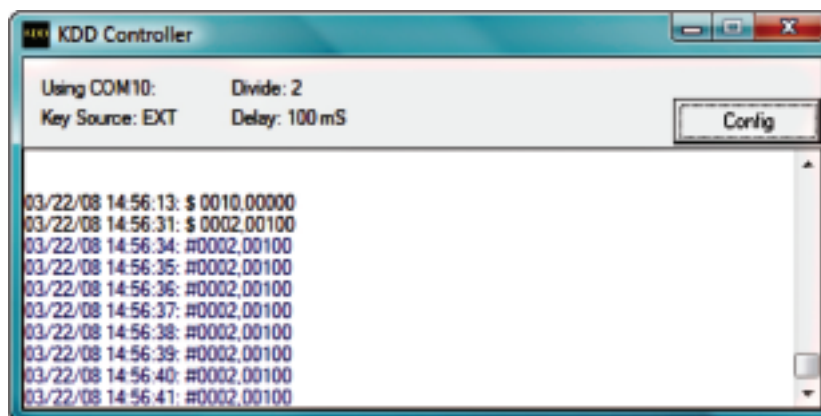
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USB Key Divide and Delay Box

The Key Divide Delay box includes a meter (6-ft) USB cable, installation CD with device driver and the KDD control software pictured here.



Specifications:

Interface	USB Ver. 1 or 2 Virtual Com port driver supplied
Input Key Pulse	10µSec min width. 1KHz max frequency
Divided Key Out	TTL positive or negative 10µS or 1mS width
Delayed Key Out	TTL positive or negative 10µS or 1mS width
Width	14.5 cm (5-3/4 inches)
Length	17.6 cm (6-7/8 inches)
Height	4.5 cm (1-3/4 inches)
Weight	0.6 kg (21 ounces)
Divider	Input (or internal) key pulse may be divided from 0-9999
Delay	Key out may be delayed between 0 and 65 seconds in 1 mS steps
<i>Jumper Controls</i>	
J1	Sets External Master Key Polarity (default is positive)
J2	Sets Delayed Key Out Polarity (default is positive)
J3	Sets Divided Key Out Pulse Width to 1mS or 10 µS (default is 1mS)
J4	Sets Delayed Key Out Pulse Width to 1mS or 10 µS (default is 1mS)



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