



Heavenly Music is Now Automatic Parameter Upload

Zila Elektronik

ZILA Elektronik of Zella-Mehlis, Germany, is an engineering firm that specializes in the development of special electronic equipment and systems including analog sensors, electronic pressure switches, CAN-Sensors, electronics for weather stations, dataloggers, and more. ZILA provides state-of-the-art engineering solutions to meet the needs of a wide variety of customers.



Developed with Musicians

ZILA Elektronik recently introduced the first fully-programmable electronic register setting system for church organs. The new organ made its debut at a premier concert performance at the Christ Church in Kronach in front of an international audience of church musicians, clergy and lay people. Developed in conjunction with leading musicians, the RS01 can control 999 changes in its basic configuration. When it came time to choose a data transport device, ZILA knew they needed:

- Extreme flexibility
- Ability to use multiple devices if needed
- Fully engineered system to reduce R&D costs and time-to-market
- Long-term support to avoid expensive re-design and implementation costs

The Solution is KEY

The adoption of Datakey Electronics' LCK4000 Key has allowed ZILA to offer an extremely flexible method of performance preparation to both musicians and concert organizers alike. The SETZER RS-01 system provides the organist with the ability to pre-program the register settings for the music to be performed. The setting of the registers,

prior to playing the music, is a time consuming task particularly when the pieces to be performed are complicated. Also, manual changing of the registers during performance requires considerable dexterity on the part of the organist. Often it is necessary to have other persons present who change the register settings as the playing takes place. In this application the register settings are stored on the Key and uploaded to the organ by simply inserting and turning the Key. The LCK4000 Key allows an instantaneous and seamless change between registers which has a marked effect on the overall quality of the sound produced and thus the quality of the performance in that the full spectrum of sound tones can be heard.

Fully Engineered

ZILA also offers a complete PC software package for Key generation, which together with Datakey Electronics' KeyLink™ II Reader/Writer enables the organist to work on his recital program remote from the church. This is particularly useful in instances where guest musicians are performing, or where a performance program has more than one organist. The Key inserts into a mating KC4210 Keyceptacle® designed into the SETZER RS-01. Datakey Electronics' Keyceptacle is a high-cycle life receptacle that offers tactile confirmation when a Key is inserted and turned.



Over, please...





Zila, cont.

They Chose Datakey Electronics

ZILA Elektronik chose Datakey Electronics as their serial memory device partner because of their long history to provide a reliable, re-programmable memory product. The familiar form factor of the Key helps to increase users' comfort level, shortening any user adjustment period. Additionally, Datakey Electronics' 30 years of experience in serial memory devices and their fully engineered solutions decreased ZILA's R&D costs, technical risk and time-to-market. Also, Datakey Electronics proven commitment to long-term product availability and support means ZILA can avoid costly re-designs down the road.



Success Leads to More Success

ZILA Elektronik also uses Datakey Electronics' LCS1000 Token and SR4210 Panel Mount Receptacles in their ZET-100, ZET-101 and CC-100 systems. The ZET-100 and ZET-101 are used by service industries to track Time & Attendance, Series Production, Single Unit Production and more. The CC-100 is a copy counter that can be attached to any paper copier and is mainly used by Universities and Colleges.



www.datakey.com ■ 800-328-8828 ■ 952-746-4066

