



The KEY to Rapid, Safe Cooking Recipe Upload

Merrychef

Merrychef, Europe's leading designer, manufacturer and supplier of accelerated cooking systems, is a pioneer in the application of microwave technology in catering and the first to produce a microwave combination oven. Founded in 1955, Merrychef offers the caterer the widest range of commercial microwave and microwave combination ovens and the very latest in 'rapid cook' technology.



Catering to Your Needs

With the slogan 'the power to produce good food faster', Merrychef needed to develop a way to ensure their products were both easy-to-use and avoided health risks. In many cases, users had to enter up to 99 programs consisting of 3 stages per program. Merrychef wanted to:

- Reduce order-to-table time
- Expand the Menu
- Eliminate/reduce waste
- Create multiple cooking applications through advanced packaging materials
- Ensure consistency in the cooking process

which stores up to 250, 3-stage programs. Additionally, the rugged Key stands up to the harsh kitchen environment. The initial menu details (times, powers and temperatures) are entered into a Merrychef-developed Key programming software. Once the program details have been entered, the data is sent via a serial link to a small, external programming unit (Datakey Electronics' KeyLink™ Reader/Writer) and written to the Key. This allows the user to also keep an electronic record of the information. The Key is then sent into the field where it can be inserted into an oven to upload the "recipes" and firmware updates. If you can turn a Key, you can program a Merrychef oven.

The Solution is KEY

Working with John Barrett of Nexus (GB), Ltd., Merrychef's engineers developed and patented the "Menu Key" system, an application using Datakey Electronics' LCK16000 portable memory Key. *"I've been representing Datakey Electronics' products in the UK for over 25 years now and this is one of the best applications I've seen design engineers develop,"* commented Mr. Barrett. *"It's a perfect example of how existing product technology can meet new consumer needs."* The Menu Key has an embedded electronic memory chip



Fully Engineered

In addition to the Key, Merrychef designed in Datakey Electronics' mating receptacle, the KC4210 Keyceptacle®. This high-cycle life mating receptacle offers tactile confirmation when a Key is inserted and turned. There is also a LOFO contact that may be used to protect the host bus by ensuring that Key has made secure contact with the receptacle before any signals are transmitted.



Over, please...



Merrychef, cont.

They Chose Datakey Electronics

Merrychef chose Datakey Electronics as their serial memory device partner because of their ability to provide a rugged product that could withstand the harsh kitchen environment. 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 Merrychef's R&D costs and time-to-market.

Tuna steak with fresh lime



Tuna steak with fresh lime

6oz tuna steak with a refreshing lime and cilantro sauce. Make this dish more versatile with a variety of sauces

Recommended Cook Time: [1.25 minutes](#)

Fastest Cook Time: [1 minute](#)

More Recipes



[4 Danish Pastries \(frozen\)](#)
Recommended
Cook Time [5.5 minutes](#)
Fastest
Cook Time [4.5 minutes](#)



[Bacon and Asparagus Quiche](#)
Recommended
Cook Time [4.5 minutes](#)
Fastest
Cook Time [3.5 minutes](#)



[Barbeque Chicken Pizza](#)
Recommended
Cook Time [3.5 minutes](#)
Fastest
Cook Time [3.0 minutes](#)



[Belly Buster Breakfast](#)
Recommended
Cook Time [3.0 minutes](#)
Fastest
Cook Time [2.5 minutes](#)



[Breaded Camembert & Cranberry dip](#)
Recommended
Cook Time [2.0 minutes](#)
Fastest
Cook Time [1.0 minutes](#)



[Breakfast Biscuits](#)
Recommended
Cook Time [3.5 minutes](#)
Fastest
Cook Time [2.0 minutes](#)

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



©2008 Datakey Electronics, Inc. All Rights Reserved. DKE0070 (09/08) Datakey Electronics, Inc. products, images and marketing materials are protected by various patents, copyrights and/or trademarks. Datakey Electronics, Inc. assumes no responsibility for any errors which may appear in this document, reserves the right to change devices or specifications detailed herein at any time without notice, and does not make any commitment to update the information contained herein. No licenses to patents or other intellectual property of Datakey Electronics, Inc. are granted by the Company in connection with the sale of Datakey Electronics, Inc. products, expressly or by implication.

