

Manufacturers of Membrane Switch Keypads

APPLICATION NOTE MI-AN-054

Summary

The following is a list of manufacturers of membrane switch keypads.

Description

The following are manufacturers of membrane switch keypads. Some of them do only custom work, while others (e.g., Protolab and Grayhill) also have stock, off-the-shelf 4x5 keypads in a variety of sizes. In particular, Grayhill's Series 88 and 89 keypads allow you to customize your own buttons or use their standard legends. The Series 88 keypads have clear window overlay seals that you can use to cover your legend. These should provide a more finished look to your product than the prototype keypad provide with the QED Product Design Kit (which is a Series 86 Grayhill).

These 5x4 Grayhill keypads also have the advantage that they can directly plug into the QED Keypad cable directly. Other manufacturer's keypads will in general have a different connector pin-out and so will need to have a cable wired specifically for them. (There are no standard pinouts in the industry; each manufacturer uses their own, and even for the same manufacturer the pinout varies from model to model.) So give Grayhill a call and ask for their Catalog #1. The other manufacturers provide a great diversity of keypad styles and layouts, so I recommend that you get a catalog from each.

Some manufacturers (eg Hall Co.) can provide a rubber-membrane overlay for the standard QED keyboard (the Grayhill Series 86). This overlay can give a custom look to your prototype instrument while using the QED standard keypad.

Manufacturer	<u>Address</u>	<u>Phone</u>
Grayhill Inc.	561 Hillgrove Ave. P.O. Box 10373 La Grange, Il 60525-0373	800-426-4383 708-354-1040
Xymox Division of W.H. Brady Co.	8225 W. Parkland Ct. Milwaukee, Wisconsin 53201	414-355-8300
Bergquist Membrane Switches	5300 Edina Industrial Blvd. Ninneapolis, MN 55435	800-347-4572 612-835-2322
Protolab Division of Giraffics	115 South State St. Lindon, UT 84042	800-755-8218 801-785-5000
Secma, Inc.	17752 Skypark Circle #200 Irvine, CA 92714	714-261-0610 800-346-0072
Storm/MGR Industries Inc.	450 B Industrial Dr. Fort Collins, CO 80524	303-221-2201
Tadco, inc.	Box 30, Poole's Lane Rockport, MA 01966	508-546-7525
New England Keyboard, Inc.	191 Cleghorn St. Fitchburg, MA 01420	508-345-8332
IEEE, Industrial Electronic Engineers, Inc. Planar Products Division	7740 Lemona Avenue Van Nuys, CA 91409-9234	818-787-0311 Ext. 241

Glolite Sales Ltd.	P.O. Box 688 Highway 77 South Pauls Valley, Oklahoma 73075	800-654-3662 405-238-5541
3M Converter Systems Division	3M Center Bldg. 220-7W-03 St. Paul, MN 55144-1000	80-223-7427
Tarsan Engineering	1290 Old Bayshore Hwy Ste 256 Burlingame, CA 94010	415-348-8666
Interswitch	770 Airport Blvd. Burlingame, CA 94010	415-347-8217
Cortron, Inc.	One Aegean Dr. Methuen, MA 01844 www.cortroninc.com	508-975-5445
ARC USA	PO Box 489 Hwy 77 South Pauls Valley, OK 73075	405-238-5541 800-654-3662
Low Key Corp.	105 Maplewood Ave. Gloucester, MA 01931-1195	508-281-0448
Dura-Tech	3216 Commerce St. LaCrosse, WI 54603	608-781-2570
The Hall Co.	420 East Water St. Urbana, OH 43078 www.hallco.com www.foryou.net/~hallco/	800-441-4255
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Mosaic Industries

5437 Central Ave Suite 1, Newark, CA 94560

Telephone: (510) 790-8222

Fax: (510) 790-0925