

7800 Series Burner Programmers



Combustion Solutions
Burner & Boiler Control Europe



7800 SERIES Burner Programmers

The Honeywell 7800 SERIES combines enhanced safety, comprehensive diagnostic communication and networking capabilities into one compact and affordable microcomputer burner control. It can do just about everything you would like it to do and it is available in 230V and 110V versions. The 7800 SERIES offers you intelligent control any way you want it: with or without a Keyboard Display Module, bringing a wealth of information to your fingertips.

And the 7800 SERIES can work on a wide range of commercial and industrial applications: burners, boilers, furnaces, packaged rooftop units, ovens, kilns, hot water heaters and more. In fact, the 7800 SERIES replaces numerous Honeywell and competitive control types.

So whatever features you want from a burner control, you will find them with the 7800 SERIES.

Burner Control with the following optional components:

- Keyboard Display Module with English, French, German, Italian, Spanish, Portuguese or Japanese text read out.
- Communications Interface links the burner control to just about any system.



ModBus Communications Capability

You can add the optional Data ControlBus Module at any time to provide remote monitoring, centralized reporting, data logging and trouble-shooting. This compact, modular unit interfaces with the RM/EC7800 and your PLC, SCADA system, Front End Stations, Terminal Servers, etc. Communication is made easy and less expensive with this widely accepted (standard) protocol. Up to 99 sub-networks can be supported with the S7810M. Each sub-network can support one EC/RM78XX control and the R7999 ControlLink system.

The 7800 SERIES Puts Critical Information At Your Fingertips

Keyboard Display Module

You can install an easy-to-use Keyboard Display Module on the 7800 SERIES or in any remote location where you want convenient access to information. The optional Keyboard Display Module can be added easily at anytime. The Keyboard Display Module is available with English, German, Italian, Spanish, Portuguese, French, and Japanese text.

Operational Information

The 7800 SERIES provides wealth of control information at the touch of a button. The text readout on the keyboard display provides sequence status, hold status, lockout / alarm status, flame signal strength, as well as total hours and cycles of operation.

Easy Troubleshooting

The Keyboard Display Module instantly identifies complete information for servicing including interlock, limit and fuel circuits status. It also enables you to check terminal voltage status and read flame signal strength in dc volts, eliminating the need to use a meter. In addition, you can directly access the subbase terminals without removing the control, making quick diagnosis easy.

Fault History

Trough the Keyboard Display Module, the 7800 SERIES identifies 127 different faults with easy-to-read messages and codes, helping you to correct a costly lockout quickly and easily. What's more, the 7800 SERIES provides readout of the six most recent faults.

With the push of a button you will see the cause of a shutdown and at what point in the burner cycle the shutdown occurred - all without the need of a service tool.

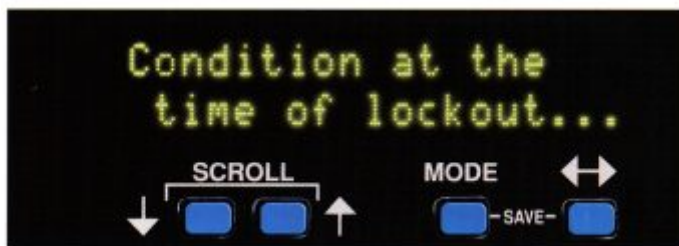
The 7800 SERIES has a non-volatile memory. In the event of a power failure, critical information will not be lost.

Enhanced Safety with Dynamic Self Checks

The 7800 SERIES self-diagnostic capabilities, give you maximum assurance of reliability. The 7800 SERIES continually tests itself and all related hardware. If the 7800 SERIES safety hardware or software fails, a safety shutdown will occur and all critical loads will be de-energized.

Trouble Free Retrofit

The 7800 SERIES uses existing Honeywell flame detectors and sensors, making upgrade economical.



Honeywell - The world's leading controls company

Need to know more?

Contact your local Honeywell sales office, which is fully staffed with knowledgeable technical experts. Remember; Honeywell operates a policy of continuous product and feature set improvements, so the solution you require may already be available.

Austria

Honeywell Austria
Gesellschaft mbH
Handelskai 388
A - 1020 Wien
phone :+43 (1) 72 7800
fax :+43 (1) 72 7808

Belgium

Honeywell Europe SA
3, Avenue du Bourget
B - 1140 Brussels
phone :+32 (2) 728 261 1
fax :+32 (2) 728 2534

Bulgaria

Honeywell EOOD
14, Iskarsko Chaussee
BG - 1592 Sofia
phone :+359 279 4027
fax :+359 279 4090

Czech Republic

Honeywell Service & Eng. Sol. sro
Budejovicka 1
140 00 Prague 4
phone :+420 (2) 6112 3434
fax :+420 (2) 6112 2691

Denmark

Honeywell A/S
Automatikvej 1
D - 2860 Soeborg
phone :+45 3955 5555
fax :+45 3955 5551

Finland

Honeywell OY
Ruukintie 8
FIN - 02320 Espoo 32
phone :+358 (9) 348 0101
fax :+358 (9) 34801 1234

France

Honeywell SA
Bâtiment Le Mercury
Parc Technologique de Saint Aubin
Route de l'Orme (CD 128)
F - 91190 Saint Aubin
phone :+33 (1) 6019 8000
fax :+33 (1) 6019 8181

Germany

Honeywell AG
Kaiserleistrasse 39
D - 63067 Offenbach
phone :+49 (69) 8 0640
fax :+49 (69) 81 8620

Hungary

Honeywell Kft
Gogol u. 13
H - 1133 Budapest
phone :+36 (1) 451 4300
fax :+36 (1) 451 4343

Italy

Honeywell SpA
Via Gobetti, 2b
I - 20063 Cernusco Sul Naviglio (Mi)
phone :+39 (2) 92 1461
fax :+39 (2) 9214 6888

The Netherlands

Honeywell B.V.
Laarderhoogtweg 18
NL - 1101 EA Amsterdam-ZO
phone :+31 (20) 565 6911
fax :+31 (20) 565 6600

Norway

Honeywell A / S
Askerveien 61
P.O.Box 263
N - 1371 Asker
phone :+47 6690 2030
fax :+47 6678 0304

Poland

Honeywell Sp. z.o.o
ul. Domaniewska 41
PL - 02 672 Warszawa
phone :+48 (22) 606 0900
fax :+48 (22) 606 0901

Romania

Honeywell Romania SRL
Blvd. Dacia no.85, Ap. 9
R - 72921 Bucharest
phone :+40 21 211 0076
fax :+40 21 210 3375

Russia

JSC Honeywell
4th floor, Luzhniki 24
119048 Moscow
phone :+7 095 796 9800
fax :+7 095 796 9892

Slovak Republic

Honeywell spol s.r.o.
Mlynskk Nivy 73
SK - 82799 Bratislava
phone :+421 2 58247 400
fax :+421 2 58247 415

Spain

Honeywell S.L.
Josefa Valcarcel 24
ES - 28027 Madrid
phone :+34 (1) 913 136 100
fax :+34 (1) 913 136 127

Sweden

Honeywell A.B.
Storsätragränd 5
S - 127 86 Skärholmen Stockholm
phone :+46 (8) 775 5500
fax :+46 (8) 775 5600

Switzerland

Honeywell AG
Honeywell-Platz 1
CH -8157 Dielsdorf
SWITZERLAND
phone :+41 (1) 855 24 24
fax :+41 (1) 855 24 25

Turkey

Honeywell Otomasyon VE Kontrol
Sistemleri San. VE TIC. A.S.
Cayiriyolu Sok. No. 7
Uecgen Plaza Kat 7
Icerenköy 81120 Istanbul
phone :+90 (216) 464 4784
fax :+90 (216) 294 4794

United Kingdom

Honeywell Ltd.
Honeywell House
Arlington Business Park,
Bracknell
UK - Berkshire, RG 12 1EB
phone :+44 (1 344) 82 6000
fax :+44 (1 344) 82 6240

Ukraine

Silver Center
4, I. Lepse av.
03067, Kiev
phone :+380 44 201 4474
fax :+380 44 201 4475

Mediterranean & African Distributors

Honeywell SpA
Via Gobetti, 2b
I - 20063 Cernusco Sul Naviglio (Mi)
phone :+39 (2) 92 1461
fax: +39 (2) 9214 6888

Hong Kong

Honeywell Asia Pacific Inc.
Suite 3213 - 25
32nd Floor
Sun Hung Kai Centre
30 Harbour Road, Wanchai
phone :+852 2829 8298
fax :+852 2824 1226

Hong Kong

Honeywell Ltd.
25/F Honeywell Tower
255 King's Road
North Point / Hong Kong
phone :+852 2953 6357
fax :+852 2953 6762

Japan

Yamatake - Honeywell Co. Ltd.
29 Flr, Landmark Tower
2-2-1-1 Minato Mirai, Nishi-Ku
220-81 Kanagawa
Yokohama
phone :+81 (45) 224 1554
fax :+81 (45) 224 1568

Australia

Honeywell Ltd.
5 Thomas Holt Drive
North Ryde
NSW 2113 Sydney
phone :+61 (2) 9353 7000
fax :+61 (2) 9353 8207

South Korea

LG-Honeywell Co. Ltd.
191, Hanganro-2 Ga, Yongsan-Gu
Seoul 140-702
phone :+82 2799 6010
fax :+82 2792 9011

Honeywell

Honeywell Burner Boiler Control Center Europe

Satronix AG
Honeywell-Platz 1
CH-8157 Dielsdorf
Switzerland
Phone +41 1 855 22 11
Fax +41 1 855 22 22