



Mapman Function enables PLCs and RKC temperature controllers to act as one.



SR Mini HG System



COM-E

## General Description

**MAPMAN** is a simplified interface solution between PLCs and single loop or multi-loop RKC PID controllers which provides superior temperature control accuracy with no programming required. **MAPMAN** functions automatically write process data into the PLC registers and update parameters continuously and automatically. **MAPMAN** makes communications between RKC controllers as easy to utilize as any integral PLC temperature/process PID module.

## Features

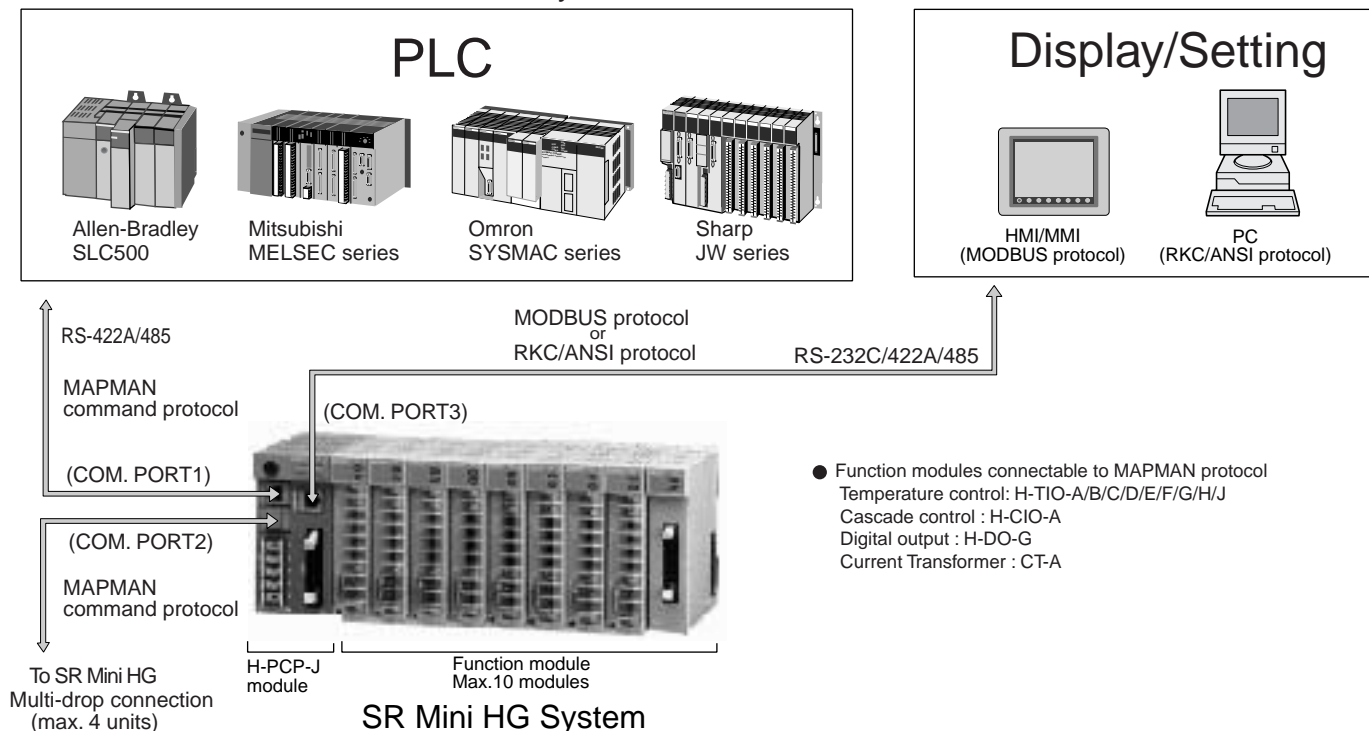
- ☆ Eliminates time consuming programming
- ☆ Enables two units to act as one.
- ☆ Use with single loop or multi-zone controls
- ☆ Process variables automatically and continuously update PLC registers

## Comparison between Mapman and Open Network General

Connection Method	Open Network DeviceNet, Profibus	MAPMAN
Configuration	<p>PLC Master</p> <ul style="list-style-type: none"> <li>• MODBUS</li> <li>• CC-Link * SR Mini HG only</li> <li>• MEMOBUS (Yaskawa) * SR Mini HG only</li> </ul> <p>Temperature controllers SR Mini HG, CB Series, SA100, SA200, MA900/901</p>	<p>PLC Slave</p> <ul style="list-style-type: none"> <li>• Allen-Bradley (SLC500)</li> <li>• Mitsubishi (MELSEC)</li> <li>• Omron (SYSMAC)</li> <li>• Sharp (JW New Satellite)</li> </ul> <p>Temperature controllers SR Mini HG</p> <p>Communication Converter COM-E</p> <p>Temperature controllers CB Series, SA100, SA200 REX-F400/700/900, LE100</p>
Programming for communication	Start-up program is required	Not required
Programming for read/write parameters	Required	Not required

## Typical Configuration

### ● Type 1 PLC ↔ SR Mini HG System



### ● Type 2 PLC ↔ COM-E ↔ RKC Controllers (CB Series, REX-F400/700/900, SA200, SA100, LE100)

