# Index

# Α

ACON Instruction, 4–25 to 4–31 ASCII Table, Appendix B

#### B

Bit Control Mode
Debugging applications, 1–15, 7–9 to 7–10
Message display coordination, 7–11 to 7–14
Multiplexed bit control, 7–15
Overview, 7–2 to 7–3
Quick Tour, 1–13
Setup parameters, 7–4

# C

Change Preset Mode

Toggle function, 7–17

Buffered preset values, 6–31 Combination titles, 6–25 to 6–27 Controlling a process, 1–15 Individual default user titles, 6–22 to 6–24 Operator's Guide, 6–32 to 6–33 Overview, 6–2 to 6–4 Password, 6–28 to 6–29 Preset title lists, 6–6 to 6–7 Quick Tour, 1–12 Setup parameters, 6–4 to 6–7 Timer and counter presets, 6–10 to 6–12, 6–30 Titles available, 6–3 User-titled presets, 6–14 to 6–24 User-titled text, 6–19 to 6–22

Communication cables, 1-5, 2-7 to 2-8

Accessing preset variables, 6-8

#### D

Display, 1-5, 1-6 to 1-8

#### Ε

Error message, 4–4 to 4–7 Overview, 4–2 Example programs. *See* Program examples

#### F

Fault message, 4–4 to 4–7 Overview, 4–2 Frequently Asked Questions, 1–16 to 1–17

Installation
Mounting Location, 2–5
Panel Mounting, 2–6
PLC Selection, 2–4

# K

Keypad, 1–5, 1–6 to 1–8 Bit control function, 7–3, 7–6 to 7–7

# L

LDD instruction, Used for text output, 4-17 to 4-18

# M

Message Display Mode ACON instruction, 4-25 to 4-31 Bar graphs, 4-49 to 4-56 Bit control coordination, 7-11 to 7-14 Blinking text, 4–38 to 4–40 Combining numbers and next, 4-19 to 4-24 Display positions, 4-18 to 4-19 Dynamic text, 4-36 to 4-37 Embedded time and date, 4-44 to 4-48 How to display numbers, 4-13 to 4-14 How to display text, 4-15 to 4-16 How user messages work, 4-9, 4-20 Monitoring a process, 1–15 Multiple displays, 4-32 to 4-35 Overview, 4-2 to 4-4 Polarity sign for numeric output, 4-41 to 4-43 Quick Tour, 1-11 Scrolling display, 4-57 to 4-61 Setup parameters, 4-10 to 4-12, 4-22 to 4-23 System messages, 4-5 to 4-8 Unmasking numeric positions, 4–23

# 0

Operator Interface

Design Basics, 1-14 to 1-15

Role of DV-1000, 1-2

Using single or dual DV-1000s, 2–2 to 2–3

Operator's Guide to Change Preset Mode, 6–32 to 6–33

OUTD instruction, Used for text output, 4–17 to 4–18

#### P

Password, 6-28 to 6-29 Powerup default operational mode, 3-9 to 3-11 Presets. See Change Preset Mode Program examples Bar graphs, 4-49 to 4-56 Bit control toggle, 7-17 Bit control with message display, 7-11 to 7-14 Blinking text, 4-38 to 4-40 Diskette, 1-5 Dynamic text, 4-36 to 4-37 Embedded decimal point, 4-62 Embedded time and date, 4-44 to 4-48 Installation, 2-9 Loading, 2-10 Multiple displays, 4-32 to 4-35 Multiplexed bit control, 7-15 Polarity sign for numeric output, 4-41 to 4-43 Scrolling display, 4-57 to 4-61 System requirements, 4-4 Timer and counter presets, 6–10 to 6–13 User-titled presets, 6-14 to 6-24

# S

Setup parameters Bit control mode, 7-4 Change preset mode, 6-4 to 6-7 Definitions, 3-4 to 3-5 General, 1-9 How to enter, 3-7 Loading address pointers, 3-8 Message display mode, 4-10 to 4-12, 4-22 to 4-24 Overview, 3-2 to 3-3 Powerup default mode, 3-9 to 3-11 Specifications, 1-18 Status Display Mode Address selection, 5-4 Bookmark, 5-6 Data type selection, 5–5 Monitoring a process, 1–15 Overview, 5-2 Quick Tour, 1-10

# Т

Timer and counter presets, 6-10 to 6-13, 6-30