



ABSODEX Handy Terminal

AX0180

● TS/TH driver



Features

- (1) Programming is easy.
For an equal segment program, you can easily write a program by answering the questions interactively from the handy terminal.
- (2) No dedicated power supply is required.
The power is supplied from ABSODEX.
- (3) Backup is available.
The programs and parameters can be stored, and programs can be copied.
- (4) Available also for conventional models.
With the S/GS/H/GH/WGH type drivers, this product operates in the same way as the conventional handy terminal (AX0170H).

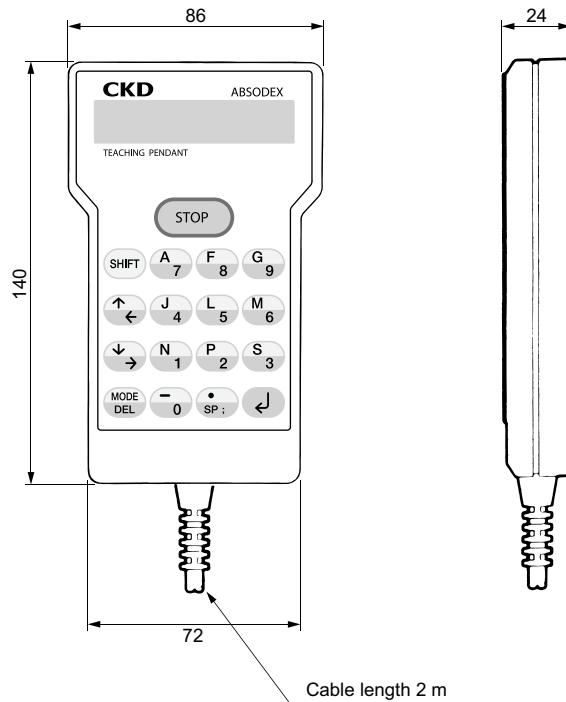
Specifications

Descriptions	AX0180
Operation mode	Edit, Display, Parameter, Operation, and Copy modes
Program capacity	Equal segment or NC program 2,000 characters (One)
Program No.	Equal segment program: Program No. 0 to 999
Display	16 characters × 2 digits (LCD display)
Input keys	17 keys (Stop key: 1, Control key: 5 characters, Number key: 11)
Backup	Super capacitor (about 3 hours)
Power supply	Supplied by the ABSODEX driver
Cable length	2 m
Operating ambient temperature	0 to 50°C
Operating ambient humidity	20 to 90% (no condensation)
Storage ambient temperature	-20 to 80°C
Storage ambient humidity	20 to 90% (no condensation)
Atmosphere	No corrosive gas or dust
Weight	Body only About 140 g

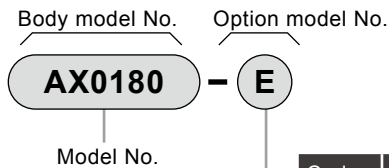
* For the English version, messages are displayed in English. The characters on the operation panel are the same as those of the Japanese version.

Dimensions

● Handy terminal

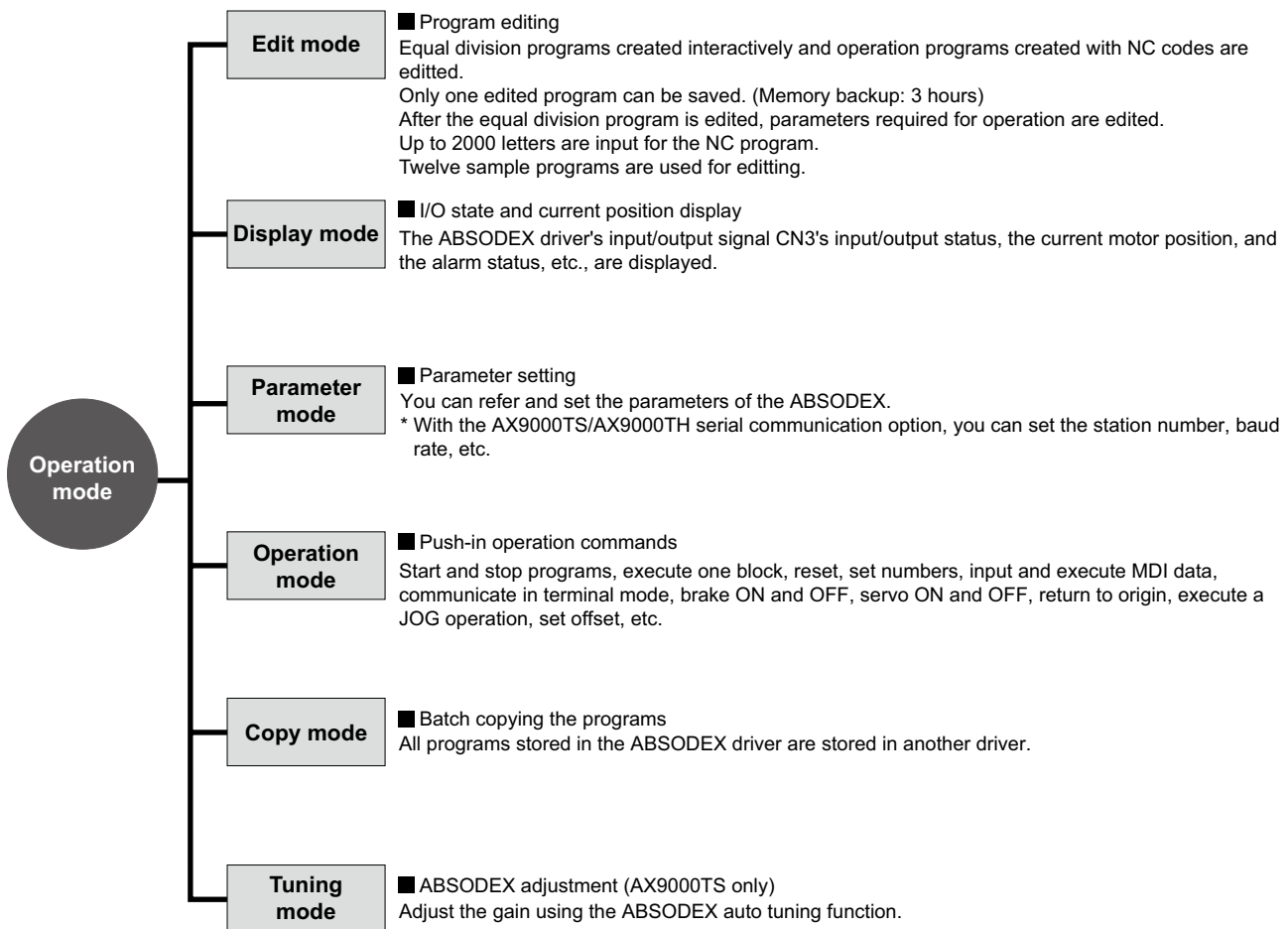


How to order



Code	Content
Blank	Standard (Japanese version)
E	English version

Handy terminal



Interactive programming

You can easily write a program by inputting values for items as follows:

[Example of input values for a program]

New	Program No. [0 to 999]
Origin return position	1. Origin 2. Indexing
Return direction	1. CW 2. CCW 3. Shortcut
Return speed	[1.0 to 20.0] rpm
Number of segments	[1 to 255]
Travel time	[0.01 to 100] seconds
Rotation direction	1. CW 2. CCW
Stop processing	1. Wait for start 2. Dwell
Brake	1. Using the product 2. Vacant
Delay timer	[0.01 to 99.99] seconds
M Cord	1. M Cord 2. Segmentation position

When you want to...

Make a trial run of ABSODEX!	⇒	Edit mode	12 sample programs are provided. You can try them when making adjustment.
Write an ABSODEX program and store it into ABSODEX!	⇒	Edit mode	You can input programming values and store the program by a simple procedure.
Run a program stored in ABSODEX!	⇒	Operation mode	You can easily start a program by specifying the program No.
Make use of the characteristics of the cam curve!	⇒	Parameter mode	5 types of cam curves are provided. Driving operation taking advantages of the properties is one touch away.
Check the ON/OFF of I/O!	⇒	Display mode	You can display the I/O status.

Actuator
AX6000M

Drivers
AX9000MU

Actuator
AX7000X

Drivers
AX9000XS

Actuator
AX1000T

Actuator
AX2000T

Actuator
AX4000T

Drivers
AX9000TS/TH

Dialog terminal
AX0180

Related parts
model No. table