

GX-K series

GF-K series

High resolution industrial balance

INSTRUCTION MANUAL

GX-K series

GX-8K GX-8K2 GX-10K
GX-12K GX-20K GX-30K GX-32K

GF-K series

GF-8K GF-8K2 GF-10K
GF-12K GF-20K GF-30K GF-32K

AND

A&D Company, Limited

Contents

Basic Operation

1.	Introduction	3
1-1.	About This Manual	3
1-2.	Features	3
1-3.	Compliance	4
2.	Unpacking And Installing The Balance	6
2-1.	Installing The Balance	7
3.	Precautions	7
3-1.	Before Use	7
3-2.	During Use	8
3-3.	After Use	9
3-4.	Power Supply	9
4.	Display Symbols and Key Operation	10
4-1.	Smart Range Function	11
5.	Weighing Units	12
5-1.	Units	12
5-2.	Changing the Units	15
6.	Weighing	16
6-1.	Basic Operation (Gram Mode)	16
6-2.	Counting Mode (PCS)	17
6-3.	Percent Mode (%)	19
6-4.	Animal Weighing Mode (Hold Function)	19
6-5.	Accumulation Function	20

Adapting To The Environment

7.	Weighing Speed Adjustment / Self Check Function	22
7-1.	Weighing Speed Adjustment	22
7-2.	Self Check Function With Response Adjustment For The GX-K Series	23
7-3.	Self Check Function For GF-K Series	23
8.	Calibration	24
8-1.	Calibration Group	24
8-2.	Automatic Self Calibration For The GX-K Series	25
8-3.	One-Touch Calibration For The GX-K Series	26
8-4.	Calibration Using An External Weight	27
8-5.	Calibration Test Using An External Weight	28
8-6.	Correcting The Internal Mass Value Of The GX-K Series	29

Selecting Functions

9.	Function Switch And Initialization	31
9-1.	Permit Or Inhibit	31
9-2.	Initializing The Balance	32
10.	Function Table	33
10-2.	Details Of The Function Table	34
10-3.	Description Of The Class "Environment, Display"	37
10-4.	Description Of The Item "Data Output Mode"	39
10-5.	Description Of The Item "Data Format"	40
10-6.	Data Format Examples	43
10-7.	Clock And Calendar Function	45

10-8.	Comparator Function	46
11.	ID Number And GLP Report	52
11-1.	Setting The ID Number	52
11-2.	GLP Report	53
12.	Data Memory	56
12-1.	Notes on Using Data Memory	56
12-2.	Data Memory for Weighing Data	57
12-3.	Data Memory for Calibration and Calibration Test	60
12-4.	Data Memory for Unit Mass in the Counting Mode	61
12-5.	Data Memory for Comparator Settings	64
12-6.	Data Memory for Tare Value	67
12-7.	Data Memory: Quick Selection Mode	70
12-8.	Data Memory: Confirmation and Storage Mode	71
13.	Underhook	73
14.	Programmable Unit	74
15.	Density Measurement	75
Interface And Communication		
16.	Standard Input & Output Interface	79
16-1.	RS-232C And External Contact Input	79
16-2.	Connection to peripheral equipment	81
17.	Commands	83
17-1.	Command List	83
17-2.	Acknowledge Code And Error Codes	84
17-3.	Control Using CTS And RTS	85
17-4.	Settings Related To RS-232C	85
Maintenance		
18.	Maintenance	86
18-1.	Treatment Of The Balance	86
19.	Troubleshooting	87
19-1.	Checking The Balance Performance And Environment	87
19-2.	Error Codes	88
19-3.	Other Display	90
19-4.	Asking For Repair	90
20.	Specifications	91
20-1.	External Dimensions	93
20-2.	Options and Peripheral Instruments	94
21.	Terms/Index	96
21-1.	Terms	96
21-2.	Index	98

This is a “Table of Contents preview” for quality assurance

The full manual can be found at <http://the-checkout-tech.com/estore/catalog/>

We also offer free downloads, a free keyboard layout designer, cable diagrams, free help and support.

<http://the-checkout-tech.com> : *the biggest supplier of cash register and scale manuals on the net*