LP-Ⅱ

WIRELESS NETWORK !!!

VER 2.25

Thermal Label Printing Scale

FEATURE PACKED !

- FAST & SIMPLE OPERATION
- 60 lb CAPACITY & DUAL-RANGE !
- kg CONVERSION AT THE TOUCH OF A BUTTON
- MENU-DRIVEN & USER-FRIENDLY
- HIGH SPEED THERMAL PRINTER
- FREE FORMAT LABEL DESIGN
- RUGGED TACTILE KEYS
- NETWORK BY USING ETHERNET
- OVER 2,000 CHARACTERS PER PLU !
- 99 FLOATING CLERKS!
- FREQUENT SHOPPER PROGRAM
- ADVANCED WINDOWS ® 95/98/2000/XP FULLY FEATURED SCALE SOFTWARE !
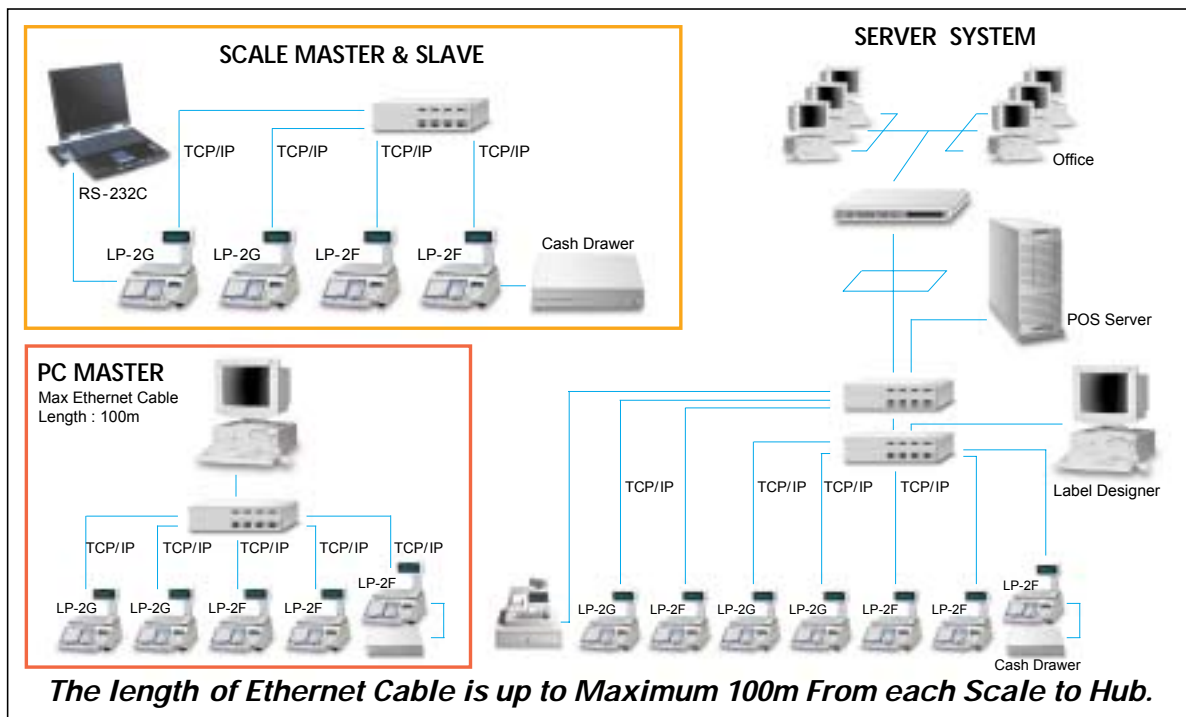
OPTIONAL:

- WIRELESS SYSTEM AVAILABLE

NTEP · UL · ISO 9001 · OIML · Microsoft Windows xp

ISO9001Certified   *WE WEIGH THE WORLD !*

CAS

Label Printing Scale

LP-II

FLEXIBLE AND RELIABLE NETWORKING *(WIRELESS SYSTEM AVAILABLE)*

SCALE MASTER & SLAVE

RS-232C

TCP/IP TCP/IP TCP/IP TCP/IP

LP-2G LP-2G LP-2F LP-2F Cash Drawer

PC MASTER

Max Ethernet Cable
Length : 100m

TCP/IP TCP/IP TCP/IP TCP/IP TCP/IP

LP-2F

LP-2G LP-2G LP-2F LP-2F

SERVER SYSTEM

Office

POS Server

TCP/IP TCP/IP TCP/IP TCP/IP

Label Designer

LP-2G LP-2F LP-2G LP-2G LP-2F LP-2F LP-2F

Cash Drawer

The length of Ethernet Cable is up to Maximum 100m From each Scale to Hub.
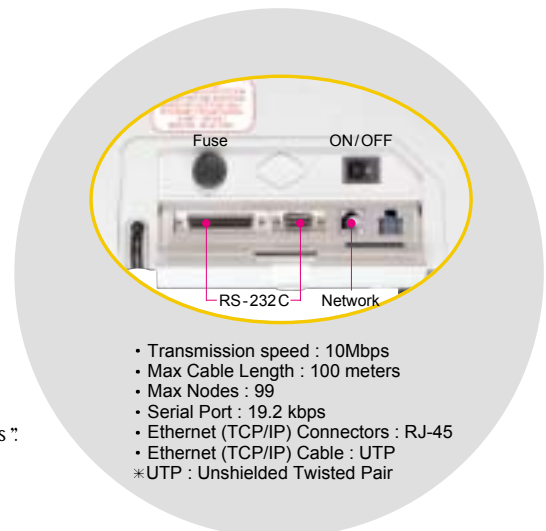
FEATURES

SCALE NETWORK

: LP-II uses Ethernet(TCP/IP) for the network to program, update, and maintain sales data for up to 99 scales when PC is master. When scale is master, then up to 32 scales can be connected. With 6 digit PLU numbers that can be assigned to 32 departments, you can partition the sales data to suit any need. The master receive sales data from all scales the moment sales are transacted.

TACTILE SWITCH KEYBOARD

• 106 Speed keys, [53 × 2 (SHIFT)]
• Sealed keyboard minimizes possible damage from moisture.
• LP - II use heavy - duty tactile switches instead of membrane "keypads".
• Keys strategically placed in order to minimize user effort.

Fuse ON/OFF

RS-232C Network

• Transmission speed : 10Mbps
• Max Cable Length : 100 meters
• Max Nodes : 99
• Serial Port : 19.2 kbps
• Ethernet (TCP/IP) Connectors : RJ-45
• Ethernet (TCP/IP) Cable : UTP
∗UTP : Unshielded Twisted Pair

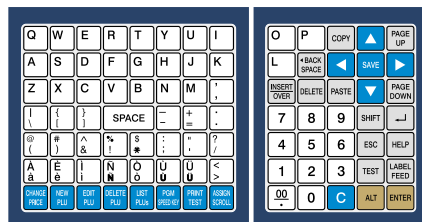# HIGH SPEED NETWORK FOR ADVANCED SOLUTIONS

Advanced features & user-friendly menu driven programming.
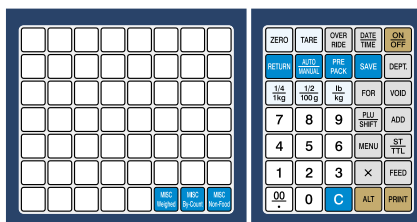
EASY-TO-FOLLOW INSTRUCTIONS
- Large bright Vacuum Fluorescent Display.
- Graphical display guides user on how to proceed with sales or programming.
- Dot-Matrix VFD : 256 x 64 resolution (LP- ⅡG).

VARIABLE LABEL SIZES
- Max Width : 80 mm (3.15 in.)
- Max Length : 170 mm (6.70 in.)
- Max Roll Diameter : 12 cm (4.72 in.)

SIDE A : PROGRAM MODE

SIDE B : REGISTRATION MODE

ADVANCED FEATURES

- Fast speed 10Mbps network.
- Extended memory
- Wireless Network (Optional)

SCROLLING MESSAGES

- Each scale can sequence & display up to 4 different messages from a list of 99 user programmable messages !
- Each message can be shown using any of 6 special effects !

IDEAL FOR HIGH VOLUME

The LP-Ⅱ uses very high-quality thermal print head and printer parts designed to run in the toughest environments.
Large printer compartment can house high capacity label rolls eliminating the need for frequently replacing the finished label roll.
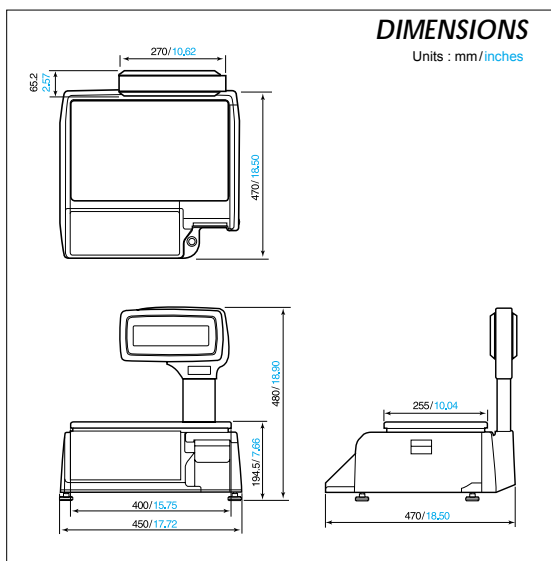
SECURITY

With "password protection" the LP-Ⅱ is able to keep unauthorized users from operating the scale. You can also use the security features to grant limited access to certain users. Assigning various levels of access to different users allows the scale to be securely operated in practically any environment.

PREPACKAGING

The LP-Ⅱ has several features to aid in any backroom application. The PRE-PACK mode enables the user to quickly print labels without the hassle of having to press the PRINT key with every transaction. PREPACK also prevents the AUTOCLEAR feature from interrupting the packaging process. The AUTO and SAVE features can be used to accommodate "special" packaging needs.

KEYLESS OPERATION

With the LP-Ⅱ there are no awkward keys to loose or locks to fumble with. A password entry method allows for up to 99 users per network or scale.

BAR-CODING

The LP-Ⅱ has 6 built-in barcode types to choose from. Selecting the "custom bar-code" option in PGM mode allows the LP-Ⅱ to print virtually any barcode format. Additionally, each PLU can have its own unique barcode type and format. For maximum convenience the LP-Ⅱ can print multiple barcodes on each label.

BATTERIES AND MEMORY

You just got your new LP-Ⅱ on Friday morning and finally finished programming 400 PLUs into your new LP-Ⅱ by Friday night. You return on Monday only to find out that you left your scale unplugged !
All that work down the drain ! This would be true if the LP-Ⅱ used battery backed RAM like all other printing scales… but it doesn't. The LP-Ⅱ uses Flash RAM which needs no power to maintain its contents ! So, if you leave it unplug for 1 weekend or 1000 weekends it doesn't matter ! You will never loose your programming due to low or dead batteries !

SALES REPORTING

If keeping track of sales through the POS system or cash register just isn't enough, then the LP-Ⅱ can also aid in tracking sales. You can print or display numerous types of sales data : X MODE for reading sales data and Z MODE for reading and resetting. On a network, the Master and Mirror Master scales are updated on-the-fly in order to keep accurate account of storewide sales at all times !
Out of continuous strip media ?
Need to print sales reports ?... Any label will do !
So long as the LP-Ⅱ has labels or media of any type, you can print perfectly legible sales reports.

SPECIFICATIONS

MODEL	LP-ⅡG
CHARACTERS PER PLU	**Ingredients** : 2000 char. MAX **PLU Name** : 114 char. MAX
DISPLAYS	Dot-Matrix
INTERFACES	RS-232 Serial Port Ethernet Port
MAX TARE	FULL CAPACITY
MEASUREMENT TYPE	LOAD CELL
MEMORY CAPACITY	Over 4000 PLUs
NETWORK	· 99 Scale MAX · Optional Network card required
SPECIFICATIONS	· 99 Clerks MAX · 100m (0.06 miles) max cable · length
OPERATING TEMP.	−10 ℃ ~ +40 ℃ (14 ℉ ~ 104 ℉)
PLATTER SIZE	(**L**)403mm (15.87 in.) (**W**)260mm (10.24 in.)
POWER SOURCE	85~240VAC 50/60Hz ± 5%
PRINT SPEED	100mm/sec (4 in./sec)
PRINTER TYPE	DIRECT THERMAL PRINT
SALES PERIODS	Dual totals for daily/monthly or user selectable reporting periods.
SALES REPORT MODES	**Read** : ×1, ×2 Modes **Read & Reset** : z1, z2 Modes
SHIPPING WEIGHT	13kg (29 lb)
WEIGHING CAPACITY	(0~30 × 0.01lb / 30~60 × 0.02lb 0~15 × 0.005kg / 15~30 × 0.01kg)
WEIGHING RANGE	DUAL RANGE
WEIGHING UNITS	Pound & Kilo push-button selectable.

Note : Specifications are subject to change without notice.

DIMENSIONS
Units : mm/inches

270/10.62
65.2 / 2.57
470/18.50
480/18.90
194.5/7.66
255/10.04
400/15.75
450/17.72
470/18.50

LP-II Software Package

ADVANCED PC SOFTWARE

With so many advanced features, how can you keep track of it all ?
You would probably need a PC, sophisticated and expensive software,
and highly trained personnel to work with it. Here at CAS we think simpler is better,
so we narrowed it down to one requirement :
a PC running Microsoft® Windows® 95/98/2000/XP OS.
Every LP-Ⅱ* comes with the LP-Ⅱ software package that gives
you the power to program, edit, and update virtually every feature of the LP-Ⅱ.
The LP-Ⅱ also gives you the power of designing your own label formats on the
PC in WYSIWYG (What You See Is What You Get).
You can design up to 1000 label formats per store - file !
You can manage virtually an unlimited number of stores !
So long as you have hard - drive space you can manage as many stores of up to
99 LP-Ⅱ scales per store. With such powerful software and advanced scales,
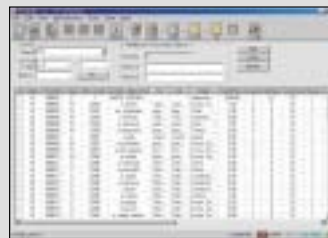you can't go wrong with the LP-Ⅱ !

Label Download Screen

THOUSANDS OF PLUs AT YOUR FINGER TIPS

Whether you have a specialty store or an
average deli, you can keep track of all your
PLU's prices, sales, availability, advertising,
etc. Sort your PLUs in various ways and
generate a computer printout for fast
accurate data base management. Do you
need to generate labels for some items that
are not scalable or food related ?
No problem ! The LP-Ⅱ has 3 types of
PLUs : Weighed, Non - Weighed, and
Non - Food. Each has its own unique uses
but all are flexible enough to fit virtually
any demand.

PLU Create/Edit Screen

Label Formating Screen

32 INDEPENDENT DEPARTMENTS

Whether installed on a network or
standalone, each scale can be assigned to
one of 32 programmable departments.
This allows that scale to directly select all
PLUs from that department for quick and
accurate access. But what if you are in a
jam and you need scale # 1 to access PLUs
from another department ? You can do that
too ! You can also indirectly access all other
PLUs from ALL other departments. This
numbering scheme allows for 32, 999, 999
PLU numbers ! Wow ! This also will let you
use the same PLU number across different
depart - ments : PLU # 1 in Deli Department
may be different from PLU # 1 in Bakery.

PLU Download Screen

Preview Report

PROGRAMMABLE DATA

PLU:

Department #	: 1~32
PLU #	: 1~999999
Commodity Name	: 114 Char
Label Format #	: 1~999
Sales Message #	: 1~99
Unit	: lb, kg
Group Code	: 0~999
Tax Rates	: 0~3
Region Code	: 0~99
Sell By Date	: 0~999 days
Cook By Date	: 0~999 days
Tare Weight	: 0~Capacity
Price/Total price	: 0,00~999,99
Sale Weight	: 0~Capacity
Sale Price	: 0,00~999,99
Net Weight	: 0~9999
Count	: 1~999
Sale Count	: 0~999
UPC	: 0~999999
Ingredients	: 2000 Char
Origin	: 25 Char
Barcode Type/Format	
Nutritional Information	
Frequent Shopper / Discount info	

General:

Scrolling Messages	: 99 @ 80 Char
Sales Messages	: 99 @ 40 Char
Store Name	: 150 Char
Departments	: 32 @ 40 Char
Users/Clerks	: 99 @ 20 Char
Label Formats	: 900 @ 30 Char
Label Formats	: 50 **Built-in**
Origin	: 400 @ 25 Char

IF THE SHOE FITS...

Free-formatting, a large capacity label compartment, and an extra wide print head allow the LP-Ⅱ to print on virtually any size media: if the label fits in the scale, then you can use it! So long as the labels are thermal and of the proper specifications, they will work with the LP-Ⅱ.

LABELS, LABELS, & LABELS

Whether you need to print a Nutritional Panel, a Safe Handling template, a logo, or perhaps all 3, the LP-Ⅱ is the scale for you! PLUs can have ingredients lists with up to 2000 characters and commodity names can have 3 lines of 38 characters. That's a whopping 2114 characters per PLU! You can select different style Nutri-facts panels, Safe Handling templates, built in logos, or design your own using the advanced software package that is included with every LP-Ⅱ! The LP-Ⅱ software package is designed for the Windows ® 95/98/2000/XP OS.

It allows you maintain all scale programming as well as up to 999 individual label formats per "store file" About 60 label formats are provided.

For updated information on label formats and other related information, don't forget to visit our website at:

www.cas-usa.com or www.cas.co.kr

SPECIAL

LABEL FORMATS
(60% of Original Size)

PORTERHOUSE STEAK
Family Pack

	Packed On	Sell By	WT/lb
TARE: 0.02 lb	Apr 17	Apr 20	0.895

7.89 | **7.06** TOTAL PRICE
Price $ / lb

CAS (USA) Corporation
99 Murray Hill Pky, E. Rutherford

SAFE HANDLING INSTRUCTIONS

Nutrition Facts
Serving Size 2/3cup(153g)
Servings Per Container about 31/2

Amount Per Serving
Calories 120 Calories from Fat 28
%Daily value*
Total Fat 21/2g **4%**
Saturated Fat 1/2g **3%**
Cholesterol 170mg **57%**
Sodium 140mg **6%**
Total Carbohydrate 6g **2%**
Dietary Fider less than 1g **4%**
Sugars 2g
Protein 4g

Vitamin A 6% • Vitamin C 0%
Calcium 23% • iron 14%
*Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:

		calories	2,000	2,500
Total Fat	Less Than		65g	80g
Sat.Fat	Less Than		20g	25g
Cholesterol	Less Than		300mg	300mg
sodium	Less Than		2,400mg	2,400mg
Total Carbohydrate			300g	375g
Dietary Fiber			25g	30g

FRIED CATFISH FILLETS

Sell By	Packed On
Apr 10 , 1999	Apr 8, 1999
PCS/Price $	Total Price $
1 FOR 3.89	3.89

PLACE FILLETS IN A PRE-HEATED NON-STICK FRYING PAN WITH A TABLESPOON OF BUTTER OR VEGETABLE OIL. COOK ON EACH SIDE FOR 3 TO 4 MINUTES OR UNTIL FISH SLIGHTLY BROWNS.

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Sugars 2g
Protein 4g

Vitamin A 6% • Vitamin C 0%
Calcium 23% • iron 14%
*Percent Daily Values are based on a 2,000 calorie diet.

SAFE HANDLING INSTRUCTIONS
THIS PRODUCT WAS PREP ARED FROM INSPECTED AND PASSED MEAT AND/OR POUL TRY. SOME FOOD PRODUCTS MAY CONTAIN BACTERIA THAT COULD CAUSE ILLNESS IF THE PRODUCT IS MISHANDLED OR COOKED IMPROPERLY. FOR YOUR PROTECTION, FOLLOW THESE SAFE HANDLING INSTRUCTIONS.
KEEP REFRIGERA TED OR FROZEN. THAW IN REFRIGERATOR OR MICROWAVE.
KEEP RAW MEAT AND POUL TRY SEPARATE FROM OTHER FOODS. WASH WORKING SURFACES (INCLUDING CUTTING BOARDS), UTENSILS, AND HANDS AFTER TOUCHING RAW MEAT OR POUL TRY.
COOK THOROUGHLY.
KEEP HOT FOODS HOT. REFRIGERATE LEFTOVERS IMMEDIATELY OR DISCARD.

CAS MART SPECIAL
BEEF LOIN T_BONE STEAK
(1 1)

02.03.99	16.03.99	0.235	5.30	**1.64**
PACKED ON	SELL BY	WEIGHT	UNIT PRICE	TOTAL PRICE

CAS SCALE CORPORATION
475-4661

CAS MART SPECIAL
BEEF LOIN T_BONE STEAK

PACKED ON	SELL BY	WEIGHT
02.03.99	16.03.99	2.270
(1 1)
5.30 | **12.03** PRICE
UNIT PRICE

CAS SCALE CORPORATION
475-4661

Z1 DETAILED SALES SCALE-01
01/12/99 12:10:46 PM ID-90

SCALE 1: Meat Department
VOID TTL: $123456.78
VOID TRANS: 12345678
RETURN TTL: $123456.78
RETURN TRANS: 12345678
REPACK TTL: $ 123456.78
REPACK TRANS: 12345678
TAX 1: $ 123456.78
TAX 2: $ 123456.78
TAX 3: $ 123456.78
NET SALES: $ 123456.78
GROSS SALES: $ 123456.78
TTL WEIGHED: 12345678 lb
TEMP PRICE CHANGES: 12345678
****
Z1 CLEARED: 12345678 TIMES
NRGT: $1234567.89
****
END DETAILED SALES REPORT
STORE #: 12345678
LAST REPORT: 01/11/99 ID-99
DETAIL Z1 COUNTER: 12345678

Turkey & Swiss
CLUB SANDWICH

Packed On: April 17, 1999 **Sell By:** April 22, 1999

ENRICHED FLOUR (WHEAT FLOUR, NIACIN, REDUCED IRON, THIAMINE, MONONITRAYE, RIBOFLAVIN), WATER, PARTIALLY HYDROGENATED SOYBEAN OIL, HIGH FRUCTOSE CORN SYRUP, YEAST, SUGAR, SALT MONO AND DIGLYCERIDES, SPICES, ENRICHED BLEACHED FLOUR (WHEAT FLOUR, NIACIN, REDUCED POLYSORBATE 60, MOLTED BARLEY FLOUR, PARTIALLY HYDROGENATED COTTONSEED OIL, FOOD STARCH, COCOA), TURKEY, WATER, MAYONAISE, SWISS CHEESE, LETTUCE, TOMATO, ONIONS, VINAGER, OLIVE OIL, SALT, PEPPER, OREGANO, CABBAGE.

Net Wt. 10 oz (0 lb 10 oz)

CAS (USA) Corporation
99 Murray Hill Parkway
East Rutherford, NJ

TOTAL PRICE $
3.49

Nutrition Facts
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%Daily value*
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Dietary Fider less than 1g **4%**
Sugars 2g
Protein 4g

Vitamin A 6% • Vitamin C 0%
Calcium 23% • iron 14%
*Percent Daily Values are based on a 2,000 calorie diet.

TOTAL PRICE $ 3.49

CAS USA Corporation

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