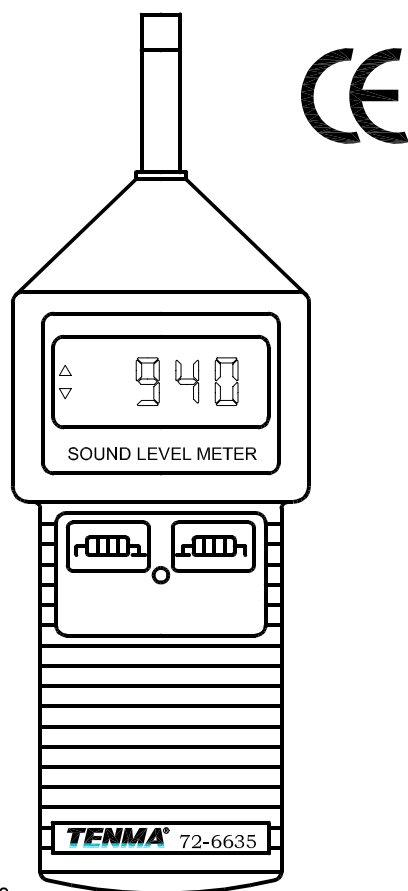


REVISIONS			DOC. NO. SPC-F004 * Effective: 12/21/98 * DCP No: 680						
DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE	
430	A	RELEASED	HYO	11/13/00	JC	11/21/00	DJC	11/21/00	

Features:

1. Easy to read $3\frac{1}{2}$ digit LCD
2. Data hold function
3. Meets IEC 651 type 2 standards
4. One year limited warranty
5. Built in variable resistor for easy calibration
6. Low battery indicator
7. Operating Temp: $0^{\circ}\text{C} \sim 50^{\circ}\text{C}$
[$32^{\circ}\text{F} \sim 122^{\circ}\text{F}$]
8. Size: 225 x 70 x 28mm
[8.9 x 2.8 x 1.1 inch]
9. Weight: 250g [0.55 lb] with battery
10. Requires one 9V battery not included
11. Includes owners manual



SPECIFICATIONS

Display	3 1/2 digit - 18mm (0.7") LCD
Measurement range	35 to 130 dB in 3 ranges: Range 1: 35 ~ 80dB Range 2: 50 to 100 dB Range 3: 80 to 130 dB <i>Each range with warning indicator for over and under load.</i>
Resolution	0.1 dB
Measurement Frequency	31.5 Hz to 8,000 Hz
Frequency Weighting	Characteristics of "A" frequency weighting network. <i>Note : The "A weighting" characteristic is simulated as "Human Ear Listing" response.</i>
Accuracy $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$	Characteristics of "A" frequency weighting network meet IEC 651 Type 2. Under 94dB input signal, the accuracies are: 31.5Hz: $\pm 3\text{dB}$, 63Hz: $\pm 2\text{dB}$ 125Hz: $\pm 1.5\text{dB}$, 250Hz: $\pm 1.5\text{dB}$ 500Hz: $\pm 1.5\text{dB}$, 1kHz: $\pm 1.5\text{dB}$ 2kHz: $\pm 2\text{dB}$, 4kHz: $\pm 3\text{dB}$ 8kHz: $\pm 5\text{dB}$ <i>Note: The above specs. are tested under the environment RF field strength less than 3V/M & frequency <30MHz only.</i>
Microphone	Standard electric condenser 1/2 inch microphone

SPC-F004.DWG

DISCLAIMER:
ALL STATEMENTS AND TECHNICAL INFORMATION CONTAINED HEREIN ARE BASED UPON INFORMATION AND/OR TESTS WE BELIEVE TO BE ACCURATE AND RELIABLE. SINCE CONDITIONS OF USE ARE BEYOND OUR CONTROL, THE USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE INTENDED USE AND ASSUME ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH.

TENMA[®]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
HISHAM ODISH	11/13/00
CHECKED BY:	DATE:
JOHN COLE	11/21/00
APPROVED BY:	DATE:
DANIEL CAREY	11/21/00

DRAWING TITLE:

DIGITAL SOUND LEVEL METER

SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	72-6635	50N1388.DWG	A
SCALE: NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 1	