



The perfect companion software for your Analyser, the 7832/PC programme simplifies the measurement configuration and the presentation of your results

The 7832/PC* is a dedicated software that simplifies the transfer of data between your 7832 Analyser and your PC. It enables the following :

- ✓ pre-configuration of your Analyser to simplify measurements in the field
- ✓ retrieval of saved measurement values and curves
- ✓ remote monitoring of measurements in progress
- ✓ export of data to other Windows® programmes (spreadsheets, word processors,...)

*For Windows 95® or NT®

TECHNICAL SPECIFICATIONS - 7832

• Frequency	
Ranges	from 5 to 865 MHz
Resolution	Meas. : 62.5 kHz; Display : 10 kHz
• Level Measurements	
Dynamic	from 30 dBµV to 120 dBµV
Display	in dBµV, dBmV, dBm, dB or V
Accuracy	± 2 dB from 5 to 865 MHz (from 0°C to 40°C)
Resolution	0.1 dB
Filters	100 kHz, 300 kHz, 1.5 MHz
75 Ω BNC	
Max. permissible voltage	50 VDC/ 50 Vrms / 50 Hz
Standards	BG, DK, I, L, M, N NICAM (BG, I, L), FM QPSK, QAM, COFDM, D2MAC pure carrier (not modulated)
Measures peak of the analog video carriers (white level for SECAM L standard)	
Measures the power of digital carriers	
Measures the average of the sound carriers (AM, FM)	
• QAM error rate	
Indication of the bit error rate before Reed Solomon error correction and number of data packets lost	
Output	6.875 Mega symbols
Constellation	64
Adjustable Meas. time	1 s, 3 s, 30 s, 5 min., continuous
Roll-Off	15 %
Estimate of	S/N
• NICAM error rate	
• Spectrum analysis	
Sweep time	typ. 250 ms
Filters	100 kHz, 300 kHz, 1.5 MHz
Attenuator	0 to 60 dB (in 10 dB steps)
Dynamic (display)	60 dB; 1, 2, 5, 10, 20, 50, 100 MHz/Div. (10 Div./screen)
Measurement of	C/N, frequency and level difference
• Memory	
1000 programmes ; 20 spectrum curves; 10000 measurements	
Frequency plans (100 channels) pre-defined (France, Europe, USA cable/terrestrial, Japan cable/terrestrial), all fully configurable	
• Screen	
B&W LCD, 320 x 240 (optional : backlight)	
• Demodulation	
Audio : FM, analog TV, NICAM	
Video : analog TV	
• Auxiliary Inputs and Outputs	
RS 232 interface (SUBD 9 contacts connector) for PC and printers (type : Epson FX 80, H.P. LJET2)	
Video output on RCA type connector for external monitor	
Audio output on JACK plug with potentiometer adjustment	

GENERAL SPECIFICATIONS - 7832

External Power Supply	AC : 230 V ± 10%; 50/60 Hz (via external power supply adaptor); 115 V DC : 9 V on jack plug (max. 2 A)
Battery	Nickel-Cadmium : 7.2 V 1.7 Ah Battery life : 2 h/pack (charging time : 1 h) Charger : input 230 VAC ± 10%; 50/60 Hz output 9 V/ 1.5 A
EMI Environment	EN 50081-1; EN 50082-1
Operating temperature	-5 °C to 40 °C
Storage temperature	-20 °C to 60 °C
EMC and safety	CE marked
CEM	NF-EN 61326-1/ NF-EN 61326-3
Safety	NF-EN 61010-1 + A2
Dimensions & Weight	210 x 170 x 65 mm, 1.5 kg
Warranty	1 year

Accessories

• **Supplied with** : a carrying case, a battery, a rapid charger and an external mains power supply.

• **Options :**

- 978309000** - RS 232 Kit (cable and adapter)
- 978324000** - Color Monitor 3.8"
- 978325000** - Charging lead for a vehicle cigar-lighter
- 978326000** - Carrying pouch
- 978327000** - Centronics kit
- 978328000** - Thermal printer
- 978329000** - Acquisition software
- 213200010** - TV plug (f)/ BNC (m) adapter
- 213200011** - BNC (m)/ F adapter
- 213200002** - F cable straight plug
- 202210720** - Nickel Cadmium Battery



The 7832 analyser is supplied with a robust carrying case for convenient storage and protection in the field.

Windows ® is a Microsoft trademark

Specifications subject to change without notice - FT783200A/98



SEFRAM
32, rue Edouard Martel
42100 - St Etienne
Web Site : www.sefram.fr
E - mail : sales@sefram.fr
Direct commercial phone :
+33 (0) 4 77 59 36 80 or 4 77 59 36 81
Fax : +33 (0) 4 77 57 23 23
Standard tel. +33 (0) 4 77 59 01 01

For U.K.
Metrix Electronics plc
Mountfield House
659, High Street - Kingswinford
West Midlands - DY6 8AL
Tel. +44 (0) 1384 402731
Fax. +44 (0) 1384 402732

For assistance and ordering