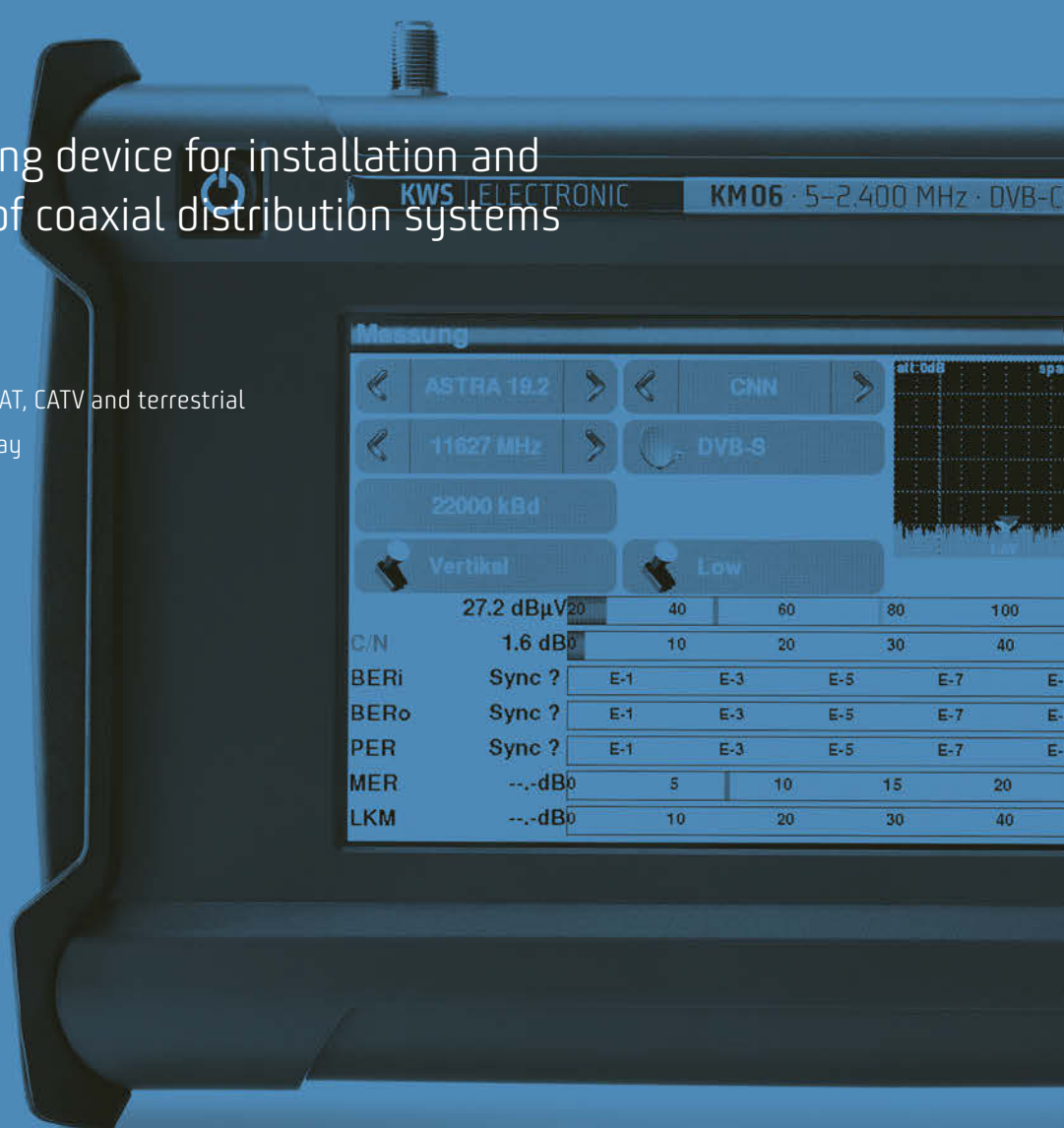


KM 06

Compact measuring device for installation and troubleshooting of coaxial distribution systems

- Combo measuring device for SAT, CATV and terrestrial
- 7" high-resolution touch display
- Intuitive user guidance
- Also suitable for beginners



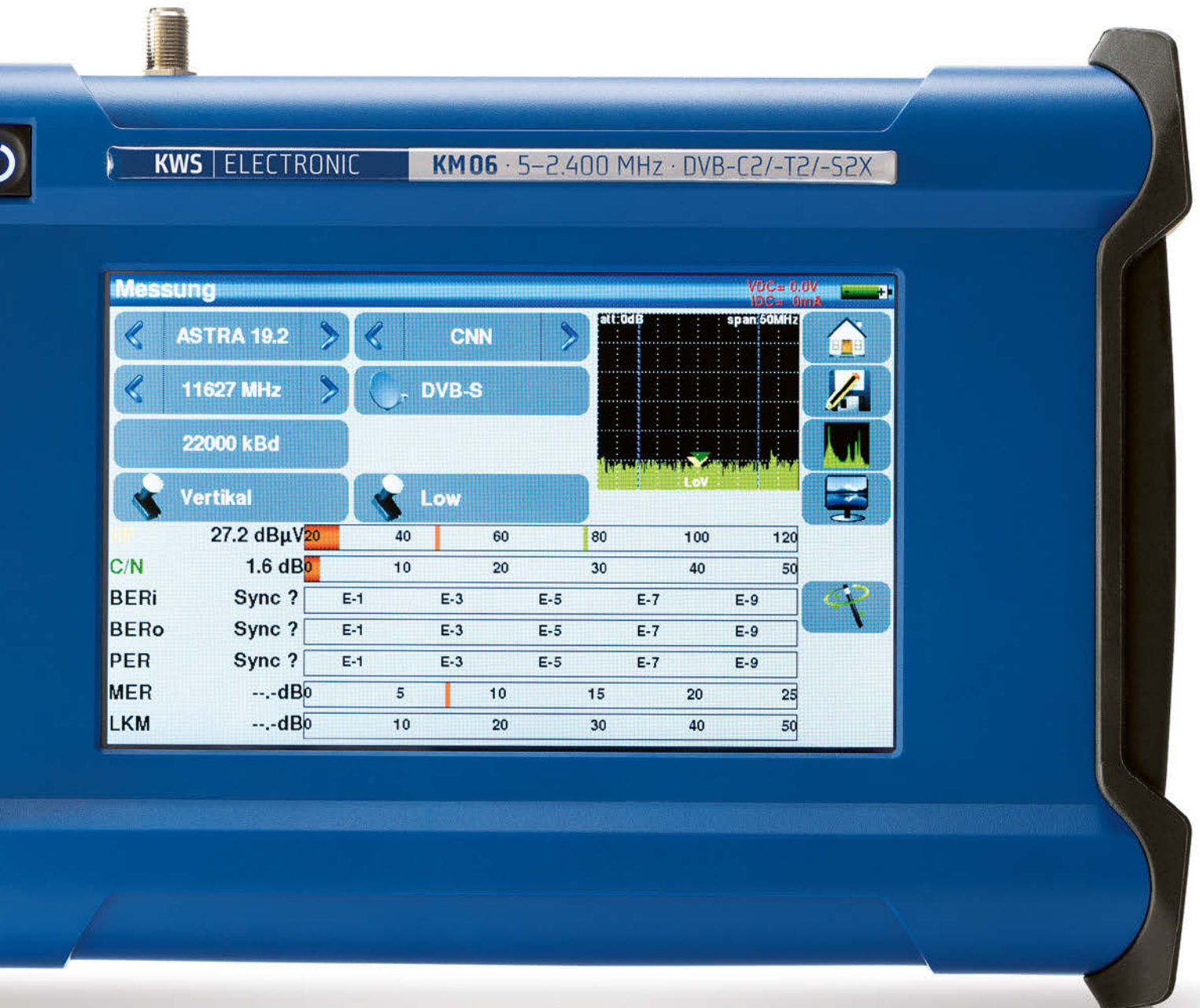
When new buildings are professionally installed or renovated, the construction of the antenna system is often a fixed part of the electrical installer's contract. And the specialist is expected to provide a solid signal transmission quality—the basis for years of service and maintenance work. This requires a measuring instrument with an attractive price/performance ratio, which is easy to use and reliable in its accuracy. For this, the KM 06 from KWS is required.

In the designing of the KM 06, various useful operating aids have been incorporated (e.g. the SAT Assistant) to facilitate the work of users less experienced in antenna technology.

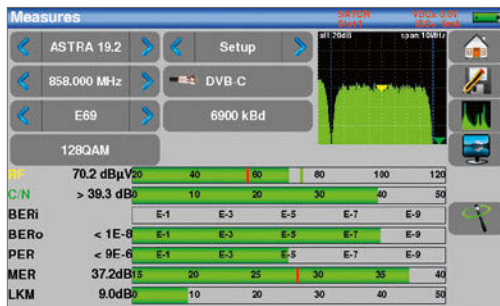
The various measured values and graphics are vividly displayed on the 7-inch TFT touch display. The capacitive touch display is also used to operate the KM 06—simply, clearly and intuitively. The keys have therefore been deliberately omitted. The crisp presentation of the TV image should not be forgotten as this is what the customer wants to see.

In short: a compact combo antenna meter for the user who wants to obtain reliable results quickly and easily.

The stylish and robust housing is equipped with sturdy bumpers while remaining lightweight—ideal for use on the construction sites.

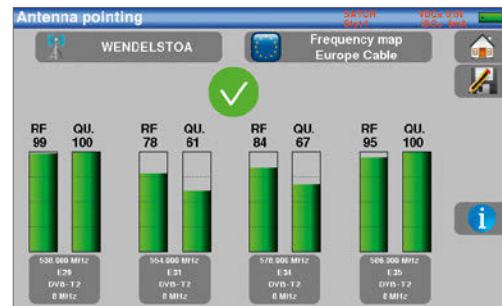


DVB-C measurement



- Simple and clear: everything in view on a single display.
- Detailed indication of all important measured values and insertion of the corresponding transponder into the evaluation unit/analyzer.
- Evaluation of the measurement by means of colored display of the measured values (traffic light principle red/yellow/green).

DVB-T check



- Display of three DVB-T2 transponders and one DVB-T transponder with indication of the individual services/programs.
- The signal quality of each transponder is also displayed in traffic light principle for a quick overview.

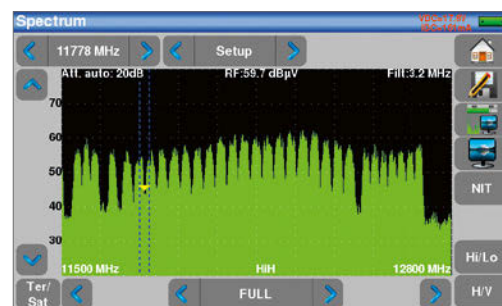
Library

The screenshot displays the 'Library' screen for ASTRA 19.2. It shows a table with 8 entries, each representing a transponder with its name, frequency, standard, and configuration.

#	name	freq.	standard	config.
0	I24 NEWS ASTRA 19.2	10928 VL	DVB-S 22000	---
1	BBWORL ASTRA 19.2	10928 VL	DVB-S2 22000	---
2	ALJAZEER ASTRA 19.2	10928 VL	DVB-S 22000	---
3	FRANCE24 ASTRA 19.2	10928 VL	DVB-S 22000	---
4	CNN ASTRA 19.2	10928 VL	DVB-S 22000	---
5	BEIN ASTRA 19.2	10928 VL	DVB-S2 29700	---
6	BFM ASTRA 19.2	10928 VL	DVB-S2 29700	---
7	SKYNEWS ASTRA 19.2	10928 HL	DVB-S 22000	---

- The library (setting memory) can be filled by the user himself according to his own ideas. It is used for the installation of the antenna system and forms the basis for logging.
- The library consists of 50 individual banks and thus offers enough space for all combinations.
- Example illustration: Bank "ASTRA 19.2" with 7 transponders.

Spectrum



- The analyzer measures the entire system to get an overview of it.
- It records the complete frequency range of a band (e.g. ASTRA vertical/low band).
- Interferences and skewed positions can be identified without any problem, since the chip can be changed in several steps.

TV picture presentation



- Demonstration at the customer's site.
- Display of the current TV signal of any station.
- Proof of system functionality.

General specifications

- Dimensions in mm: 193 H × 268 W × 42 D, including foot/bumper
- Weight: 1.15 kg with battery
- Operating conditions: -10 ~ 40 °C
- Storage conditions: -10 ~ 60 °C

Overview of the most important technical data

Model	KM 06
Display	7 inch high-resolution touch display (800 × 480 px) Very good readability even in poor lighting conditions
Measuring ranges	SAT, CATV— Terrestrial with the modulations DVB-S/-S2/-S2X, DVB-C/-C2 and DVB-T/-T2/T2 Lite
Frequency ranges	SAT 200–2,400 MHz, CATV 5–1,005 MHz, Terrestrial 5–1,005 MHz
Maximum level	In all ranges 120 dBµV
Measurements	Level measurement, BER, MER, packet error (PER), noise margin, link margin, constellation diagram
TV picture display	MPEG4 decoder (H.264)
Analyzer	With full band display or stepwise adjustment of the chip. DiSEqC Version 1.2
DiSEqC	Version 1.2
Unicable	Unicable (EN 50494) and Unicable 2 (EN 50607)
Interfaces	Network interface RJ45 (10/100baseT), USB
Supply voltages	13/18 V for SAT, 5/13/18/24 V for DVB-T2 and CATV
Battery	Built-in lithium ion battery with 49,5Wh for up to 4 hours operating time

Delivery contents

Measuring device	KM 06
Protective bag	✓
Measuring cable	✓
Power supply/charging unit	✓
USB stick	✓



Preliminary product information, subject to change without notice.
Errors excepted.

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