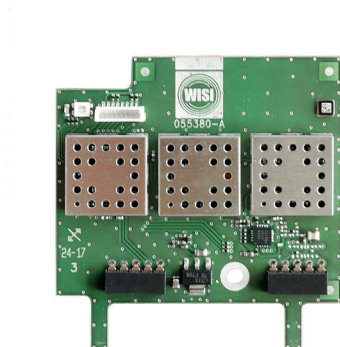


# WISI VX 58 B

## ALSC Module



### Description

VX58B is the ALSC module of the Compact Line amplifiers VX5xB and enables Auto Alignment and Automatic Level and Slope Control. The desired output level of the amplifier has to be selected in the WISI App "HFC Manager" or the hand programmer OH41 and the alignment module VX58B will set the VX5xB, thanks to Auto Alignment, automatically to the defined values. This process considers all parameters like cable simulator, attenuator and Slope. After the initial amplifier setting by Auto Alignment, controls ALSC permanently the output level and will realign the settings in case of deviation, to keep the specified output level and slope. The automatic readjustment is based on two freely selectable channels, which can be chosen by the HFC Manager or handset OH41.

### At a glance:

- Auto Alignment allows the automatic adjustment of the amplifier
- ALSC (Automatic Level and Slope Control) controls permanently the output level and realign settings in case of deviation
- Control via Bluetooth by the WISI HFC Manager application or the handset OH 41
- Two freely selectable measurement channels (pilot carriers) in the range of 45...1002 MHz
- Usage in VX 5xB amplifiers of the WISI Compact Line series
- Pluggable version

## Technical data

Frequency range pilot L (low)	45...1002 MHz (50 kHz steps)
Frequency ranges pilot H (high)	45...1002 MHz (50 kHz steps)
Input level range for pilot frequencies	50...90 dB $\mu$ V
Regulation accuracy @ pilot	$\leq 0,25$ dB
Control range	max. $\pm 0,9$ dB (47 MHz)
Max. control range for one pilot regulation (ASC)	470 MHz $\pm 2,9$ dB; 606 MHz $\pm 3,4$ dB; 862 MHz $\pm 4,0$ dB; 1002 MHz $\pm 4,4$ dB; (1218 MHz $\pm 4,9$ dB)
Max. control range for two pilot regulation (ALSC)	47...1218 MHz $\pm 4,9$ dB
Regulation deviation modulated/ unmodulated TV carrier	$\leq 0,1$ dB

## General data

Supply voltage	5 V DC
Power consumption max.	$< 1,3$ W
Ambient temperature	$-10...+80$ °C
Dimensions (width x height x depth)	61 x 64 x 6 mm

## Packaging data

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	170 x 91 x 50 mm
Packaging volume sales unit	dm <sup>3</sup>
Gross weight sales unit	0.200 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	0.85 dm <sup>3</sup>
Gross weight shipping unit	0.2 kg
EAN	4010056712129
Article number	71212
Customs tariff number	85437030