



Netceed MCA-30860R Distribution Amplifier with Reverse User Manual

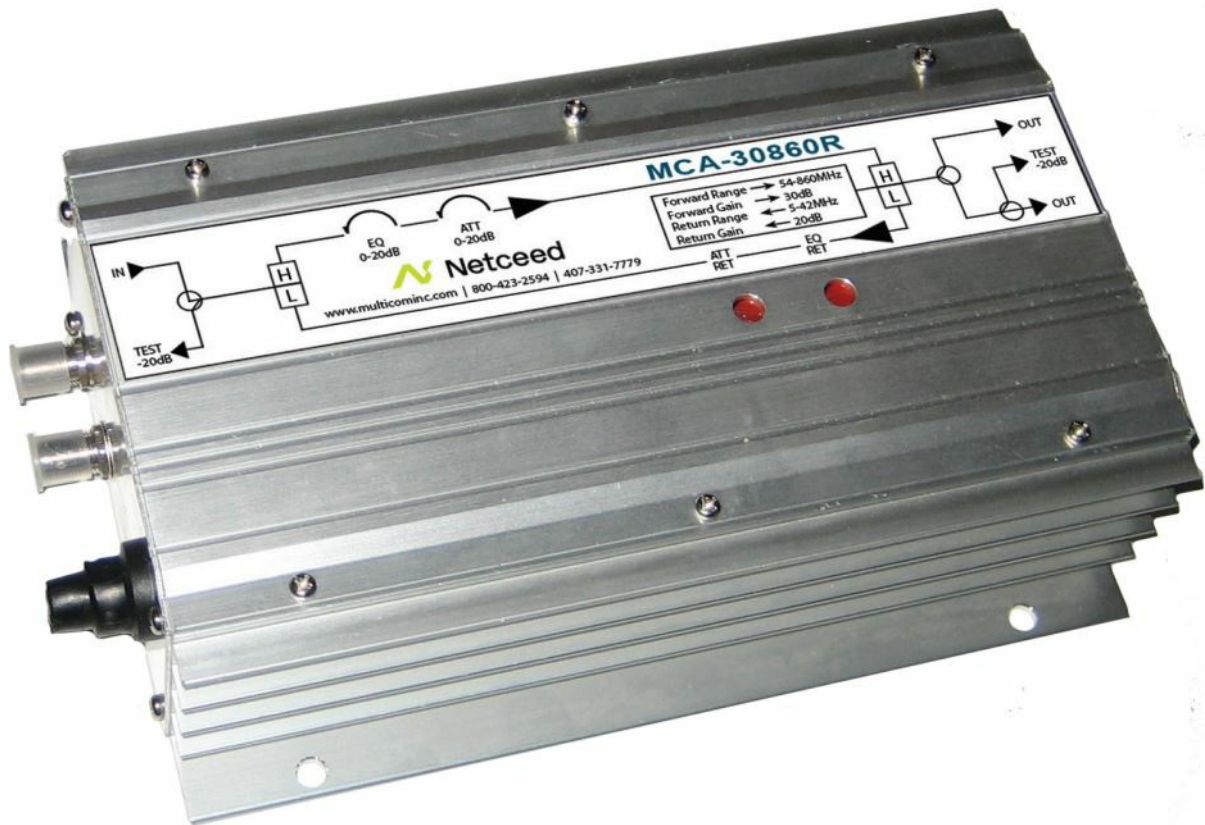
[Home](#) » [Netceed](#) » Netceed MCA-30860R Distribution Amplifier with Reverse User Manual 

Contents

- [1 Netceed MCA-30860R Distribution Amplifier with Reverse](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Key Features of the MCA-30860R](#)
- [5 Description](#)
- [6 MCA-30860R Specifications](#)
- [7 Documents / Resources](#)
 - [7.1 References](#)



Netceed MCA-30860R Distribution Amplifier with Reverse



Product Information

The MCA-30860R is a dual-output distribution amplifier designed for use in multi-dwelling environments such as hospitals, apartment complexes, and hotels. It is manufactured by Netceed, a global leader in distribution, logistics, technical engineering, and product design with over 30 years of expertise in the telecommunications and broadband industry.

The MCA-30860R has a 30dB gain and a bandwidth of 860MHz, allowing for the effective transmission of large volumes of data within the CATV network. It comes with an unbalanced splitter (50/30dBmV output) preinstalled in the unit and a balanced splitter (50/50dBmV output) included in the box. The built-in equalizer and attenuator provide increased flexibility and easy adjustment of the signal output.

Product Usage Instructions

1. Open the unit by unscrewing the 6 screws on the top of the unit.
2. Remove the top cover.
3. Locate the splitter inside the unit.
4. Pull the splitter straight up to remove it (refer to the illustration).
5. Take the alternative splitter included in the box and place it in the exact location where the previous splitter was removed.
6. Securely replace the top cover of the unit.
7. Tighten the 6 screws on the top of the unit to secure the cover.

For more detailed instructions on how to change the splitter, please refer to the back cover of the user manual.

Note: Specifications are subject to change without notice. For any further assistance or inquiries, please contact Multicom, Inc. at the following:

- **Phone:** 800-423-2594 | 407-331-7779
- **Fax:** 407-339-0204
- **Email:** multicom@multicominc.com

For more information about Multicom and Netceed, please visit their respective websites:

www.multicominc.com www.netceed.com

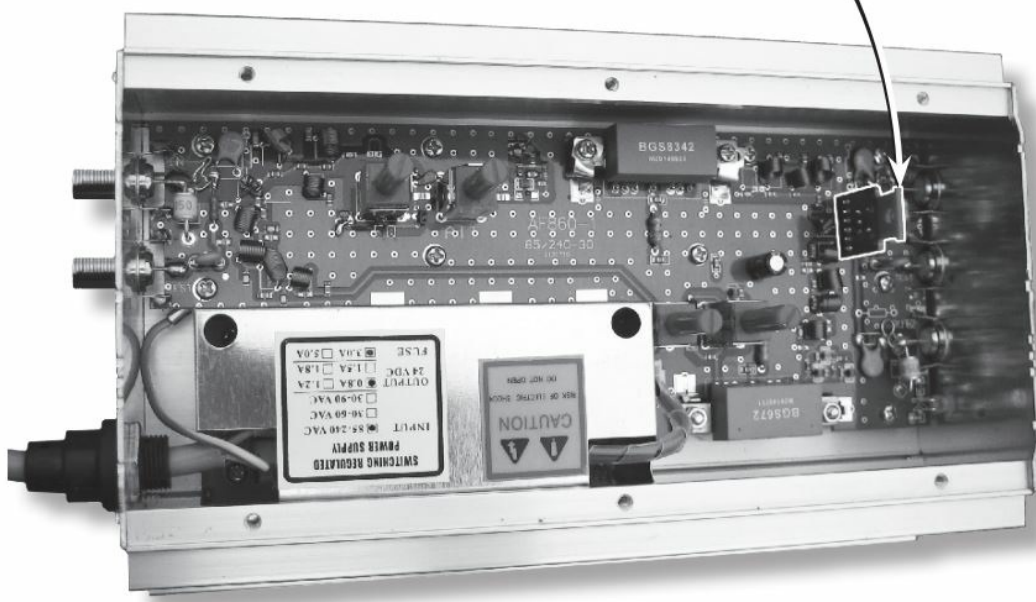
Changing the MCA-30860R Splitter

The Multicom MCA-30860R comes with an unbalanced splitter (50/30dBmV output), preinstalled in the unit, and a balanced splitter (50/50dBmV output), in the box.

To change the splitter follow these instructions:

1. Open the unit by unscrewing the 6 screws on the top of the unit
2. Open the top
3. Pull the splitter straight up (see illustration)
4. Replace the alternative splitter in the exact location
5. Replace the top of the unit and screws securely

1. Open unit by unscrewing the 6 screws on the top of the unit
2. Open the top
3. Pull splitter straight up (see illustration)
4. Replace alternative splitter in exact location
5. Replace top of unit and screws securely



Netceed is a global leader in distribution, logistics, technical engineering, and product design with over 30 years of expertise and performance supporting the telecommunications and broadband industry.

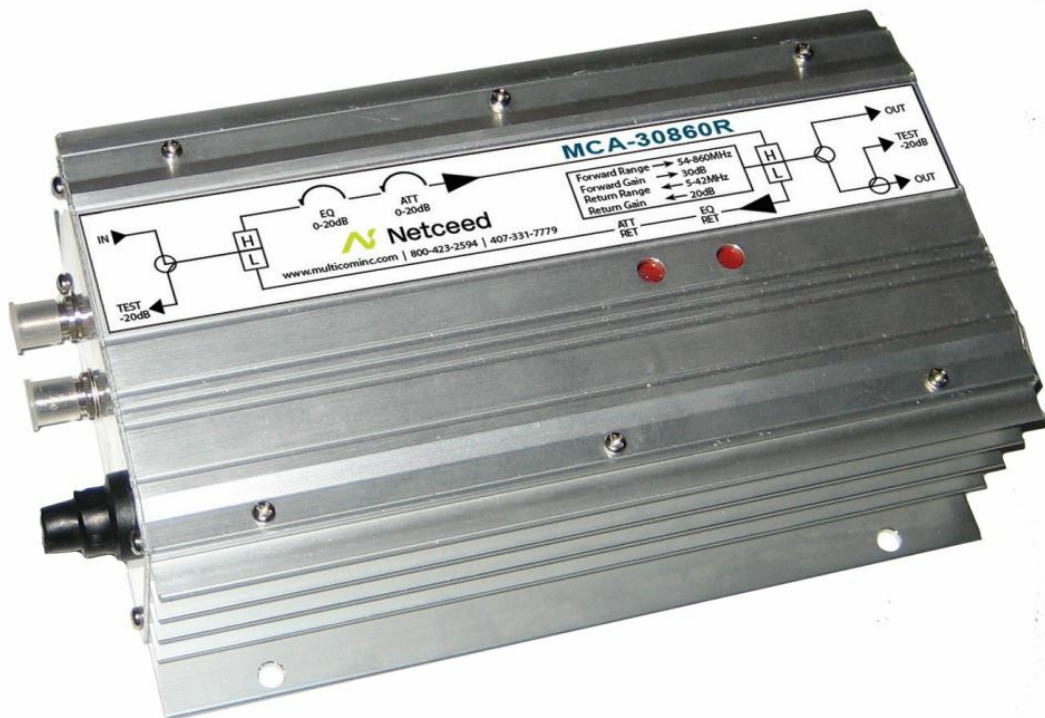
We supply and distribute a comprehensive portfolio of passive and active equipment and tools for network deployment, upgrades, and maintenance, and offer a range of value-added services including CPE refurbishment & repair, outsourced procurement, and logistics solutions for cable and telecom operators, network installers and their subcontractors. We have strong, long-lasting relationships with industry-leading partners around the world and are dedicated to customer satisfaction and reliability.

Key Features of the MCA-30860R

- Forward Frequency: 54-860 MHz
- Reverse Frequency: 5-42MHz
- Dual output ports featuring both balanced and unbalanced capabilities
- Extremely low distortion and harmonic content
- Suitable for HDTV, CATV, Off-air analog and digital RF distribution applications
- Continuously adjustable equalizer and gain control

Description

- The Netceed dual-output MCA-30860R has been specifically designed for use in multi-dwelling environments such as hospitals, apartment complexes and hotels.
- This high-gain unit has a bandwidth of 860MHz, allowing effective transmission of large volumes of data within the CATV network.
- The built-in equalizer and attenuator allow for increased flexibility and easy adjustment of the signal output



See the back cover for instructions on how to change the splitter


MCA-30860R Specifications

Specification:		Value:
Forward Frequency:		54 – 860 MHz
Forward Gain:		30 ±1.5dB
Maximum Output @ 134 Channel Loading:	Unbalanced Splitter (Installed)	1 Output @ 50dBmV 1 Output @ 30dBmV
	Balanced Splitter (Included in box)	2 Outputs @ 50dBmV
Frequency Response:		±0.75dB
Forward Noise Figure:		<6dB
Passband Flatness:		+ 1dB
Gain Adjust Range:		0 – 20dB
Slope Adjust Range:		0 – 20dB
Input Return Loss:		≥15dB
Output Return Loss:		≥15dB
Reverse Frequency:		5 – 42MHz
Reverse Gain:		20 ±1.5dB
Reverse Output	Unbalanced Splitter (Installed)	1 Output @40dBmV 1 Output @20dBmV
	Balanced Splitter (Included in box)	2 Outputs @37dBmV
Reverse Noise Figure:		< 8dB
Input and Output Impedence:		75 Ohms
In/Output & Test Points Connectors:		F-Type Female
Test Points:		-20dB
Power Input:		110 V AC, 60 Hz, 8 W, 1A AC Fuse (Internal)
Operating Temperature:		14° F to 122° F (-10° C to +50° C)
Dimensions:		9" x 5.5" x 2.5" (23cm x 14cm x 6.5cm)
Weight:		2.2 Lbs. (1 Kg)

Specifications subject to change without notice

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Documents / Resources

	<p>Netceed MCA-30860R Distribution Amplifier with Reverse [pdf] User Manual</p> <p>MCA-30860R, MCA-30860R Distribution Amplifier with Reverse, Distribution Amplifier with Reverse, Amplifier with Reverse, Reverse</p>
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References

- [Netceed | Video, Data & Voice Solutions](#)
- [Netceed - Shaping the future of communications networks](#)