



CTA-30RK-550 Rack Mount Launch Amplifier

CTA-30-550 Wall Mount Launch Amplifier



Product Description

The CTA-30RK-550 is a professional quality 19" rack mountable broadband launch amplifier designed to produce clean signals for a commercial grade private cable network. Employing a push-pull design, the CTA-30RK-550 produces high output levels with extremely low distortion and harmonic content. As a broadband amplifier with a frequency range of 54-550 MHz, the CTA-30RK-550 supports up to 54 channels.

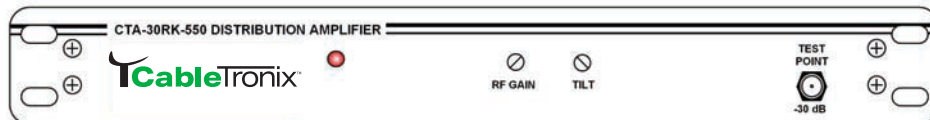
Application

Designed for commercial grade headend systems, the CTA-30RK-550 when combined with a Cabletronix CTHC-12G, CTHC-24G, or other 3rd party combiners, serves as a launch amplifier to distribute signals to a private cable network's RF plant.



Features and Benefits

- Broadband coverage from 54 – 550 MHz
- Supports up to 54 channels
- 30 dB gain
- Adjustable gain and slope controls
- Competitive performance specs
- Excellent value
- 1 year warranty
- 3 year extended warranty available



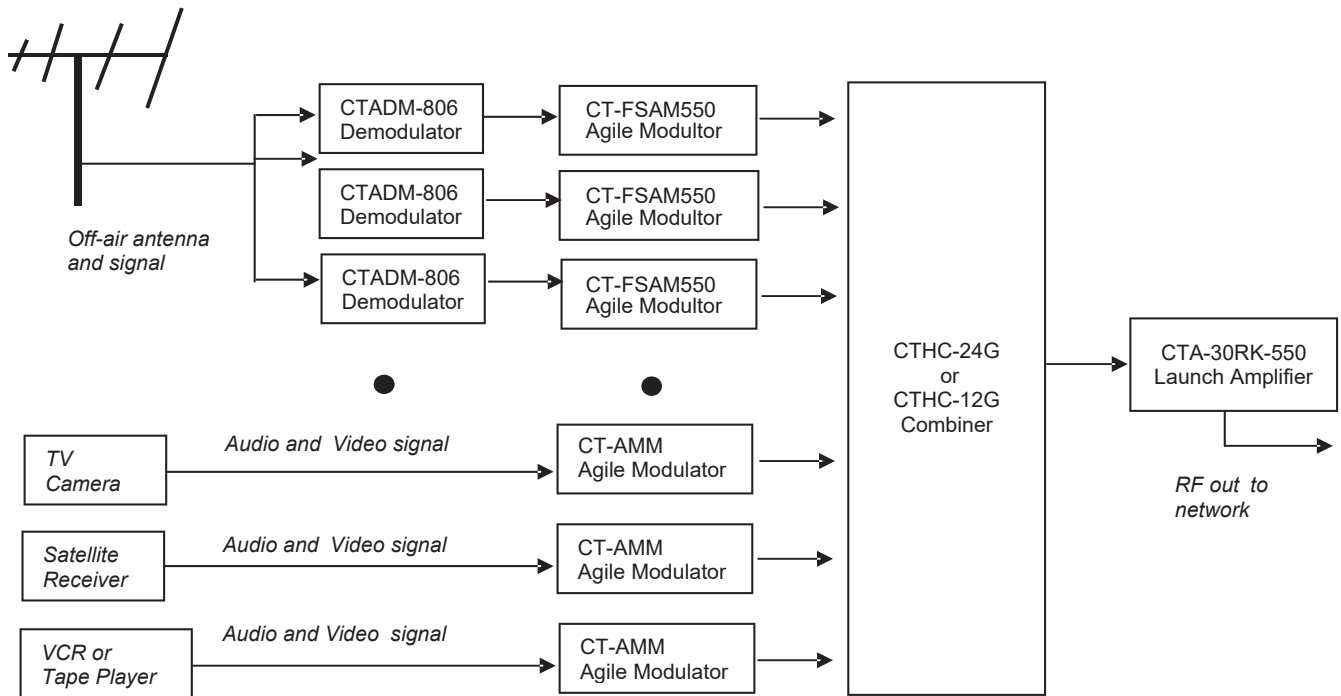
CTA-30RK-550 Rack Mount Launch Amplifier

CTA-30/550 Wall Mount Launch Amplifier

Specifications

RF	Bandwidth:	54 – 550 MHz
	Gain:	30 dB
	Gain Adjustable Range	12 dB
	Slope:	9 dB
	Flatness:	+/- 1.5 dB per channel, any 100 MHz band
	Maximum Output:	7 channels, 35 dBmV Max. Input Level, 65 dBmV Max. Output Level
	(levels vary with number of channels)	12 channels, 33 dBmV Max. Input Level, 63 dBmV Max. Output Level
		36 channels, 29 dBmV Max. Input Level, 59 dBmV Max. Output Level
		54 channels, 26 dBmV Max. Input Level, 56 dBmV Max. Output Level
	Noise Figure:	7.5 dB
General	Second Order Beats:	-60 dB (129 channels @ 13 dBmV input level)
	Composite Triple Beat:	-58 dB (129 channels @ 13 dBmV input level)
	Cross Modulation:	-62 dB (129 channels @ 13 dBmV input level)
	Return Loss In:	16 dB
	Return Loss Out:	16 dB
	Test Points:	-20 dB
	Power Input:	115 VAC, 60 Hz
	Dimensions:	19" W x 1.75" H x 3.8" D (CTA-30RK-550)
		8" L x 1.75" D x 4.5" H (CTA-30/550)
	Weight	2.5 lb. (CTA-30RK-550)
		2.3 lb. (CTA-30/550)
	Operating Temperature Range	32°F to 122°F

Sample Configuration



Products are warranted for one year. Warranty can be extended to three years. Contact a sales engineer for details.



CTA-30RK-1000 Rack Mount Launch Amplifier

Product Description

The CTA-30RK-1000 is a professional quality 19" rack mountable broadband launch amplifier designed to produce Clean signals for a commercial grade private cable network. Employing a push-pull design, the CTA-30RK-1000 produces High output levels with extremely low distortion and harmonic content. As a broadband amplifier with a frequency range of 54-1000 MHz, The CTA-30RK-1000 supports up to 158 channels.

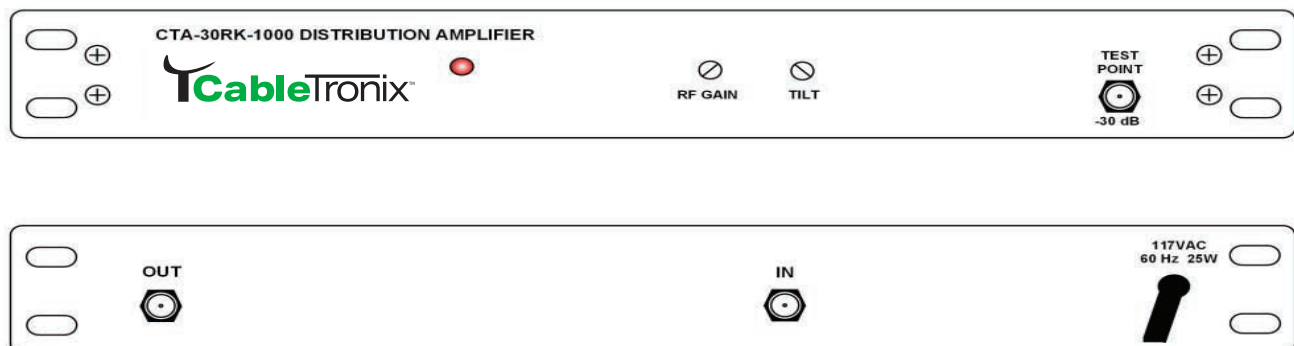


Application

Designed for commercial grade headend systems, the CTA-30RK-1000 when Combined with a Cabletronix CTHC-12G, CTHC-24G, or other 3rd party combiners, serves as a launch amplifier to distribute Signals to a private cable network's RF plant.

Features and Benefits

- Broadband coverage from 54 – 1,000 MHz
- Supports up to 158 channels
- 30 dB gain
- Adjustable gain and slope controls
- Input and output test ports
- Double shielded RFI enclosure
- Competitive performance specs
- Excellent value
- 1 year warranty
- 3 year extended warranty available



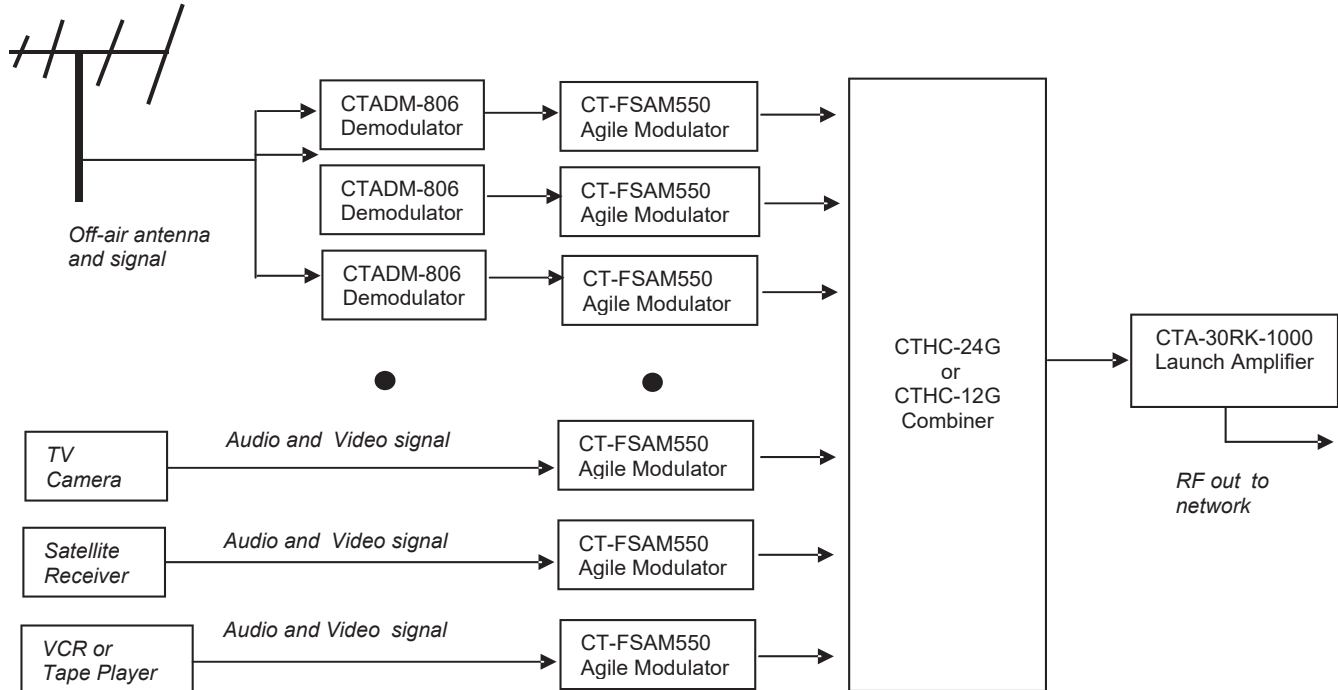
CTA-30RK-1000

Rack Mount Launch Amplifier

Specifications

RF	Bandwidth:	54 – 1000 MHz
	Gain:	30 dB
	Gain Adjustable Range	18 dB
	Slope:	12 dB
	Flatness:	+/- 1.5 dB per channel, any 100 MHz band
	Maximum Output:	7 channels, 44 dBmV Max. Input Level, 66 dBmV Max. Output Level
	(levels vary with number of channels)	12 channels, 41 dBmV Max. Input Level, 63 dBmV Max. Output Level
		36 channels, 32 dBmV Max. Input Level, 54 dBmV Max. Output Level
		54 channels, 23 dBmV Max. Input Level, 45 dBmV Max. Output Level
	Noise Figure:	7.5 dB
	Second Order Beats:	-60 dB (129 channels @ 13 dBmV input level)
	Composite Triple Beat:	-58 dB (129 channels @ 13 dBmV input level)
	Cross Modulation:	-54 dB (129 channels @ 13 dBmV input level)
	Return Loss In:	16 dB to 750 MHz (Typical)
General	Return Loss Out:	16 dB 751-1,000 MHz (Typical)
	Test Points:	-20 dB
	Power Input:	117 VAC, 60 Hz, 25W
	Dimensions:	19" W x 1.75" H x 3.0" D (CTA-30RK-1000)
		8" L x 1.75" D x 4.5" H (CTA-30/1000)
	Weight	4.0 lbs. (CTA-30RK-1000)
		2.5 lbs. (CTA-30/1000)
	Operating Temperature Range	32°F to 122°F

Sample Configuration



Products are warranted for one year. Warranty can be extended to three years. Contact a sales engineer for details.