



## Harmonic Enables Guangdong Radio and Television to Deliver Premium UHD Broadcasts in China

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### Harmonic's Playout Solution Enables First Chinese Province-Level UHD Broadcast Channel

SAN JOSE, Calif., June 17, 2019 /PRNewswire/ -- Harmonic (NASDAQ: HLIT) today announced that Guangdong Radio and Television (GRT) is the first province-level broadcaster in China to deploy UHD channels, thanks to a playout solution from Harmonic. Supporting a range of formats, including SD, HD and UHD, Harmonic's playout solution enables GRT to create pristine UHD broadcasts.



"UHD is still fairly new to the Chinese market, and we wanted to be at the forefront of this exciting movement," said Huang Yonghong, associate director at GRT. "Harmonic's playout solution provides rock-solid reliability and a rich feature set, increasing our workflow efficiency and allowing UHD channels to be launched very quickly."

GRT has deployed Harmonic's market-leading Spectrum™ X media server to deliver provincial UHD broadcasts and expand its HD channel offering. Harmonic's Spectrum X solution reduces the complexity of broadcast workflows by merging multiple capabilities onto a single appliance. Native SDI and IP I/O on the same chassis will also enable GRT's future transition to all-IP workflows and accelerate the launch of new revenue-generating channels.

Spectrum X media server also features innovative HDR and SDR with tone mapping and tone expansion, with support for sustained SDR or HDR outputs and mixed SDR and HDR clips. Additionally, the server provides simulcast channel capabilities with support for two different output resolutions, including SDR and HDR, from one playlist. These advanced features can easily be adopted by GRT in the future as it continues to improve upon video quality.

"Being among the first to launch UHD channels in China gives GRT a reputation for quickly responding to technology innovation and addressing consumer demand for an elevated entertainment experience," said Tony Berthaud, vice president of sales and video services, APAC, at Harmonic. "Since Spectrum X is a highly versatile and flexible video server, we are able to expand features and functionality over time, enabling GRT to protect its investment."

Harmonic will demonstrate its UHD solutions, including the Spectrum X media server, at BroadcastAsia2019, June 18-20 in Singapore at Stand 4S2-01. Further information about Harmonic and the company's solutions is available at [www.harmonicinc.com](http://www.harmonicinc.com).

#### About Harmonic

Harmonic (NASDAQ: HLIT), the worldwide leader in video delivery technology and services, enables media companies and service providers to deliver ultra-high-quality broadcast and OTT video services to consumers globally. The company has also revolutionized cable access networking via the industry's first virtualized cable access solution, enabling cable operators to more flexibly deploy gigabit internet service to consumers' homes and mobile devices. Whether simplifying OTT video delivery via innovative cloud and SaaS technologies, or powering the delivery of gigabit internet cable services, Harmonic is changing the way media companies and service providers monetize live and VOD content on every screen. More information is available at [www.harmonicinc.com](http://www.harmonicinc.com).

*This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Statements concerning Harmonic's business and the anticipated capabilities, advantages, reliability, efficiency, market acceptance, market growth, specifications and benefits of Harmonic products, services and technology are forward-looking statements. These statements are based on our current expectations and beliefs and are subject to risks and uncertainties, including the risks and uncertainties more fully described in Harmonic's filings with the Securities and Exchange Commission, including its Annual Report on Form 10-K for the year ended Dec. 31, 2018, its Quarterly Reports on Form 10-Q and its Current Reports on Form 8-K. The forward-looking statements in this press release are based on information available to Harmonic as of the date hereof, and Harmonic disclaims any obligation to update any forward-looking statements.*

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**Photo Caption:** Harmonic Spectrum™ X Media Server

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