# The Ramacrisna Institute's orchestra adopts digital scores with Lenovo tablets

#### Ramacrisna Institute

The Ramacrisna Institute's Philharmonic Orchestra replaced paper sheet music with Lenovo Tab P12 tablets, saving resources, streamlining organization, and helping to develop students' musical skills.



#### Customer background

# Who is the Ramacrisna Institute?

The Ramacrisna Institute is a non-profit social organization based in Belo Horizonte, Brazil. The institute was founded in 1959 to promote social welfare, education, and recreation for children and young people in vulnerable situations. Through educational, cultural, and professional programs, the Ramacrisna Institute seeks to transform lives and create opportunities. To date, the institute's work has touched the lives of almost two million people in 12 cities in the Greater Belo Horizonte area.



## The challenge

One of the institute's most successful cultural programs is the Ramacrisna Philharmonic Orchestra, which was founded in 2005 with the aim of introducing young people to the beauty of classical music.

Previously, the orchestra used paper sheet music for both rehearsals and performances. This required printing up to 1,000 sheets per season, generating considerable environmental impact. Organizing and managing so many musical scores was another challenge.

Always seeking to combine technology, innovation, and social responsibility, the Ramacrisna Institute decided to replace paper sheet music with a 100% digital solution.



"I had seen conductors in other orchestras use tablets to read digital scores, which seemed like a great alternative to traditional sheet music. When I broached the topic with the IT team, they suggested that I reach out to Lenovo."

#### Solange Bottaro

Vice President, Ramacrisna Institute



#### **Going digital**

The Ramacrisna Institute equipped each orchestra member with their own Lenovo Tab P12 tablet. Featuring a 12.7-inch LCD screen with 3K resolution, the Tab P12 ensures excellent visibility of digital sheet music even in low-light environments.

Rather than printing paper sheet music, the conductor now sends digital scores to the Lenovo Tab P12 tablets via Bluetooth. Students use the tablets for group rehearsals and performances as well as personal practice; the long-lasting battery allows them to use the tablets for hours without interruption.

#### Hardware

Lenovo Tab P12



"Today, sheet music can be updated and shared in real time, ensuring greater synchronization among musicians, and optimizing preparation time for rehearsals and performances."

Solange Bottaro

Vice President, Ramacrisna Institute

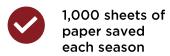


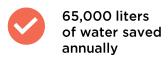
### The results

With the introduction of Lenovo tablets, the Ramacrisna Philharmonic Orchestra has become one of the first in the world to adopt a fully digital sheet music solution, completely replacing paper in rehearsals and performances. The Ramacrisna Institute estimates that the orchestra will save the equivalent of 65,000 liters of water and one tree annually, helping the institute to meet its Environmental, Social, and Governance (ESG) goals.

Solange Bottaro, Vice President of the Ramacrisna Institute, adds: "The adoption of Lenovo Tab P12 tablets has brought a series of practical and organizational benefits to the orchestra, such as easier organization and management of the sheet music collection."







# The results

# Nurturing young musicians

For Juan Rodrigues, a student in the orchestra, the change brings practicality and efficiency to classes and concerts. He says: "With the arrival of the Lenovo tablets, my routine as an orchestra student has completely changed! Now, I can carry countless sheet music pieces and various study method books on a single device. This practicality is amazing! My study has become more efficient and productive, leaving time to enjoy the music, my true passion."

Vanusa Ferreira, another student at the Ramacrisna Institute, also approved of the initiative, saying: "The use of tablets by our orchestra has made our daily life much easier. We no longer need to print sheet music, which saves time and paper. With the tablets, we can quickly find any sheet music or method, and we can also make notes without damaging anything. Everything has become more organized and practical, which has helped a lot in rehearsals and performances."



"At Lenovo, we believe that **technology plays a fundamental role in transforming education**. In this case, it allows our students to have **access to resources and learning methods** from the very beginning of their music studies. We are very proud to be part of this journey of innovation and excellence in partnership with the Ramacrisna Institute. The implementation of Lenovo P12 tablets is a clear example of how innovation can **positively impact education and the arts**."

Augusto Rosa

Sales Director for Channels and SMBs, Data Center, PCs & Mobility, Lenovo

### Why Lenovo?

For the Ramacrisna Institute, the size and simplicity of the Lenovo Tab P12 made it the perfect fit. The large, 12.7-inch screen means that two or more students can use one tablet to read sheet music during performances.

"Each student has their own tablet so that they can practice individually, but the large screen size of the Lenovo Tab P12 tablet means that students reading the same score can share one tablet during group rehearsals and performances," says Solange Bottaro.

He adds: "We also like the accessories that came with the tablets, including the protective covers, bags, and tripod stands."

# How can orchestras adopt digital sheet music?

The Ramacrisna Institute's Philharmonic Orchestra replaces paper sheet music with a fully digital solution based on Lenovo Tab P12 tablets.

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