

Micropross releases new contactless/NFC protocol analyser : the MP300 ACL1

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Micropross has released a new protocol analyser for contactless applications : the MP300 ACL1. The aim of this tool, is to spy any exchanges that occurs between contactless objects that operate at 13.56MHz.

Unlike the other tools present on the market, the MP300 ACL1 comes bundled with a revolutionary acquisition probe, that is not positioned between the objects to be spied, but aside. This way, zero intrusivity in the communication is guaranteed. The MP300 ACL1 is capable of spying all major protocols, including :

- ISO 14443 A/B
- ISO 15693
- Mifare™
- FeliCa™
- NFC-Forum
- NFC-IP1 and -IP2

Furthermore, its cutting edge hardware is right now compatible with the very high baudrates protocols (both ASK and PSK modulations).

Even better, thanks to its embedded oscilloscope, the MP300 ACL1 offers an analog display of the communication, allowing the user to monitor the real signal without any additional hardware. This is particularly precious for engineers who work on the RF interface of their smartcard, or their terminals. For example, if EMD (Electro magnetic disturbances) occur, it is possible to characterize them with this great feature.

And finally, for engineers working on a project involving both contact and contactless technologies, it is possible to combine the forces of the MP300 ACL1, and one of the other Micropross protocol analysers, like the MP300 SC1. This way, it is possible for example to monitor a complete NFC transaction, including contactless and SWP exchanges.

About Micropross

Active for more than 30 years in the field of electronic components programming, Micropross has gathered experience that made possible the design of the successful product range oriented to the smartcard test and personalization. Worldwide used, these products are designed to develop and produce faster and better.

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