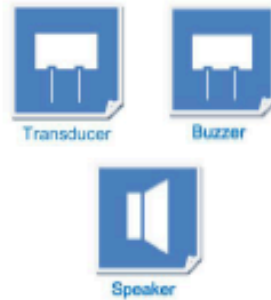


# Applications guides | Octopus Card (Smart Card) for the acoustic components



A signal sound is emitted when the octopus card is scanned.

The Octopus card is a rechargeable contactless stored value smart card used to transfer electronic payments in online or offline systems in Hong Kong. Launched in September 1997 to collect fares for the territory's mass transit system, the Octopus card system is the second contactless smart card system in the world, after Upass, and has since grown into a widely used payment system for virtually all public transport in Hong Kong.[1]

The Octopus is also used for payment at convenience stores, supermarkets, fast-food restaurants, on-street parking meters, car parks, and other point-of-sale applications such as service stations and vending machines.[2]



| Suggested Item             | WDB        | UDB        | DB-E328      |
|----------------------------|------------|------------|--------------|
| Size (mm)                  | ∅ 12 x 6.5 | ∅ 12 x 7.5 | ∅ 13.8 x 7.5 |
| Sound Pressure Level (dBA) | 85         | 83         | 80           |
| Product Type               | Magnetic   | Magnetic   | Piezo        |
| Type                       | Pin        | Pin        | Pin          |



| Suggested Item             | DBX      | DB-E1108     | DB-E658    | DB-E2338     |
|----------------------------|----------|--------------|------------|--------------|
| Size (mm)                  | ∅ 12 x 9 | ∅ 12.6 x 6.3 | ∅ 14 x 6.7 | ∅ 13.8 x 6.4 |
| Sound Pressure Level (dBA) | 85       | 80           | 80         | 85           |
| Product Type               | Magnetic | Piezo        | Piezo      | Piezo        |
| Type                       | Pin      | Pin          | Pin        | Pin          |



| Suggested Item   | M28IA070008 | M30IF060008 | M32IB065008 |
|------------------|-------------|-------------|-------------|
| Size(LxWxH) (mm) | ∅ 28 x 4.9  | ∅ 30 x 3.3  | ∅ 32 x 5.15 |
| Rated Power(W)   | 1           | 0.5         | 1.5         |
| Impedance(Ω)     | 8           | 8           | 8           |