



PhonoNet Orders XML-Specification

Version 1.0

Colofon

Titel PhonoNet Orders XML-Specification

Ondertitel

Versie, datum Version 1.0, datum 24-09-03

Referentie ---

Samengesteld door P.J.Wiegers

Project PhonoNet XML-specification

Laatste versie bewerkt door PhonoNet, datum 24-09-03

Bestandsnaam PhonoNet-Orders 1.0.doc

Contactadres voor deze publicatie PhonoNet Benelux B.V.
Hoevestein 24b
4903 SC Oosterhout (NB)

<mailto:info@phononet.nl>

© PhonoNet Benelux B.V., 2003

Niets uit deze uitgave mag worden verveelvoudigd en/of openbaar gemaakt door middel van druk, fotokopie, microfilm of op welke andere wijze ook, zonder voorafgaande toestemming van PhonoNet.

No part of this publication may be reproduced in any form by print, photo print, microfilm or any other means without written permission by PhonoNet.

Document Control

Version	Date	Author	Description
0.1	2003-02-14	P.J.Wiegers	Draft version
1.0	2003-08-29	P.J.Wiegers	Remarks PhonoNet Benelux

Template version 1.0

Introduction

This XML specification describes the format used for the PhonoNet Order Message. The document contains the structure of the XML format; which child XML elements are defined in the XML element and in which occurrence.

Message structure

Legend:

Occurrences = The number of elements of this type that must be present.

- e.g.:
- 1 = Required element; only 1 element may be defined.
 - 0..1 = Optional element; not more than 1 is allowed.
 - 0..n = Optional element; any number of elements is allowed.
 - 1..n = Required element; at least 1, there is no maximum.
 - 2..3 = Required element; at least 2, not more than 3 is allowed.
 - ? = Undetermined

- attribute

Every normal line is an XML-element, except the lines that start with a bullet. Those lines represent an attribute of the element specified above it.

Note: Usage of bold fonts for some elements is purely to improve readability.

b>

<i>Structure</i>	<i>[(Possible values)] Occurrences</i>
PhonoNet	1
Interchange	1
Sender	1 <i>(PhonoNet identification)</i>
Recipient	1 <i>(PhonoNet identification)</i>
InterchangeNumber	1
InterchangeDate	1 <i>(Format: 'yyyymmdd')</i>
InterchangeTime	1 <i>(Format: 'hhmm')</i>
Orders	1
▪ version	1 (1.0)
Order	1..9999
OrderReference	1
OrderType	1 <i>Allowed coded values: '10'</i>
OrderDate	1 <i>(Format: 'yyyymmdd')</i>
MarketingCompany	1 <i>PhonoNet Codelist: Identifies a Marketing Company by a number</i>
PhonoNetNumber	1 <i>PhonoNet Identification of Client</i>
CustomerNumberDC	0..1 <i>Marketing Company / Distribution Center Identification of Client</i>
Ship-to-code	0..1 <i>(In combination with 'CustomerNumberDC')</i> <i>Delivery address specification</i>
CampaignCode	1
DeliveryDate	1 <i>(Format: 'yyyymmdd')</i>
TermsOfDelivery	0..4

	<i>Allowed coded values (BOC, BOM, WO): 'Y', 'N'</i>	
	<i>Allowed coded values (DEL): 'H', 'X', 'G', 'D', 'W', 'E', 'M'</i>	
▪ type		1
	<i>Allowed attributes values: 'BOC', 'BOM', 'WO', 'DEL'</i>	
	<i>'WO': Used in combination with PhonoNet WebCommerce</i>	
OrderDiscount		0..1
	<i>Used in combination with PhonoNet WebCommerce</i>	
Comments		0..5
Orderlines		1
Orderline		1..9999
• lineNumber		1
ArticleNumber		1
• type		1
	<i>Allowed coded values: 'EN', 'SA'</i>	
Quantity		1
• type		(Ordered) 1
CampaignCode		0..1
	<i>Used when articles should be specified for a campaign order</i>	
OrderReference		0..1
	<i>Not used by PhonoNet: Used in a Cancellation order to refer to the original order</i>	
OrderlineDiscount		0..1
	<i>Used in combination with PhonoNet WebCommerce (either OrderlineDiscount or FixedPrice)</i>	
FixedPrice		0..1
	<i>Used in combination with PhonoNet WebCommerce (either OrderlineDiscount or FixedPrice)</i>	
Control		1
Quantity		2
• type		1
	<i>Allowed attribute values: 'TotalOrdered', 'Orderlines'</i>	

XML Element definition

This section describes the XML elements use in the XML :

- Type
- Length (Min..Max)
- Options: Format and Coding

Interchange

XML-element	Type	Options
Sender	C..17	Identification of sender of message (PhonoNet identification)
Recipient	C..17	Identification of recipient of message (PhonoNet identification)
InterchangeNumber	C..14	Identification number of this interchange
InterchangeDate	C8	Format 'yyyymmdd'
InterchangeTime	C4	Format 'hhmm'

Orders

Name	Type	Options
Version	C5	Attribute specifying version of XML-specification: '1.0'

Order

Name	Type	Options
OrderReference	C..8	Client Order reference number
OrderType	C2	'10' = Order
OrderDate	C8	Format 'yyyymmdd'
MarketingCompany	N..3	PhonoNet identification of the Marketing Company
PhonoNetNumber	N6	PhonoNet identification of the client
CustomerNumberDC	N..7	Client number of the Marketing Company / Distribution Center
Ship-to-code	N..6	Client Delivery address specification of the Marketing Company / Distribution Center
CampaignCode	C..8	Reference to a certain Campaign
DeliveryDate	C8	Requested delivery date Format 'yyyymmdd'

TermsOfDelivery	C1	Attribute: type = 'BOC' = BackOrder Creation 'BOM' = BackOrder Merge 'WO' = Wait Order 'DEL' = Type of delivery Allowed values: 'BOC', 'BOM', 'WO': 'Y' (yes) or 'N' (no) 'DEL' : 'H' = Pick up 'X' = Expedition 'G' = Van Gend & Loos 'D' = (Package) post 'W' = Weekend 'M' = Monday delivery
OrderDiscount	N..5	Percentage using decimal `.`
Comments	C..70	Not processed automatically

Orderline

Name	Type	Options
lineNumber	N..4	Attribute specifying Orderline
ArticleNumber	C..15	Attribute: type = 'EN' = EAN article number 'SA' = Supplier article number
Quantity	N..6	Attribute: type = 'Ordered' = Number of ordered articles
CampaignCode	C..8	Reference to a certain Campaign
<i>OrderReference</i>	<i>C..8</i>	<i>Not used by PhonoNet: (Client Order reference number in combinations with cancellation order)</i>
OrderlineDiscount	N..5	Percentage using decimal `.`
FixedPrice	N..7	Fixed price using decimal `.`

Control

Name	Type	Options
Quantity	N..15	Attribute: type = 'TotalOrdered' = Sum of {./Orderline/Quantiy} elements 'Orderlines' = Number of {./Orderline} elements in Order

XML Examples

Normal order

```
<?xml version="1.0" encoding="UTF-8"?>
<PhonoNet>
  <Interchange>
    <Sender>200043</Sender>
    <Recipient>PhonoNet</Recipient>
    <InterchangeNumber>123456</InterchangeNumber>
    <InterchangeDate>20030829</InterchangeDate>
    <InterchangeTime>1215</InterchangeTime>
  </Interchange>
  <Orders version="1.0">
    <Order>
      <OrderReference>221/01</OrderReference>
      <OrderType>10</OrderType>
      <OrderDate>20030829</OrderDate>
      <MarketingCompany>12</MarketingCompany>
      <PhonoNetNumber>200043</PhonoNetNumber>
      <CustomerNumberDC>651201</CustomerNumberDC>
      <DeliveryDate>20030815</DeliveryDate>
      <Orderlines>
        <Orderline lineNumber="1">
          <ArticleNumber type="EN">0720642500927</ArticleNumber>
          <Quantity type="Ordered">1</Quantity>
        </Orderline>
        <Orderline lineNumber="2">
          <ArticleNumber type="EN">0731453497320</ArticleNumber>
          <Quantity type="Ordered">12</Quantity>
        </Orderline>
        <Orderline lineNumber="3">
          <ArticleNumber type="EN">0044006590127</ArticleNumber>
          <Quantity type="Ordered">100</Quantity>
        </Orderline>
      </Orderlines>
      <Control>
        <Quantity type="TotalOrdered">113</Quantity>
        <Quantity type="Orderlines">3</Quantity>
      </Control>
    </Order>
  </Orders>
</PhonoNet>
```


Wait order (PhonoNet WebCommerce) with header discount

```
<?xml version="1.0" encoding="UTF-8"?>
<PhonoNet>
  <Interchange>
    <Sender>200043</Sender>
    <Recipient>PhonoNet</Recipient>
    <InterchangeNumber>123457</InterchangeNumber>
    <InterchangeDate>20030829</InterchangeDate>
    <InterchangeTime>1610</InterchangeTime>
  </Interchange>
  <Orders version="1.0">
    <Order>
      <OrderReference>221/02</OrderReference>
      <OrderType>10</OrderType>
      <OrderDate>20030829</OrderDate>
      <MarketingCompany>12</MarketingCompany>
      <PhonoNetNumber>200043</PhonoNetNumber>
      <CustomerNumberDC>651201</CustomerNumberDC>
      <DeliveryDate>20030901</DeliveryDate>
      <TermsOfDelivery type="WO">Y</TermsOfDelivery>
      <OrderDiscount>10</OrderDiscount>
      <Orderlines>
        <Orderline lineNumber="1">
          <ArticleNumber type="EN">0720642500927</ArticleNumber>
          <Quantity type="Ordered">1</Quantity>
        </Orderline>
        <Orderline lineNumber="2">
          <ArticleNumber type="EN">0731453497320</ArticleNumber>
          <Quantity type="Ordered">12</Quantity>
        </Orderline>
        <Orderline lineNumber="3">
          <ArticleNumber type="EN">0044006590127</ArticleNumber>
          <Quantity type="Ordered">100</Quantity>
        </Orderline>
      </Orderlines>
      <Control>
        <Quantity type="TotalOrdered">113</Quantity>
        <Quantity type="Orderlines">3</Quantity>
      </Control>
    </Order>
  </Orders>
</PhonoNet>
```

Wait order (PhonoNet WebCommerce) with line discount

```
<?xml version="1.0" encoding="UTF-8"?>
<PhonoNet>
  <Interchange>
    <Sender>200043</Sender>
    <Recipient>PhonoNet</Recipient>
    <InterchangeNumber>123458</InterchangeNumber>
    <InterchangeDate>20030829</InterchangeDate>
    <InterchangeTime>1635</InterchangeTime>
  </Interchange>
  <Orders version="1.0">
    <Order>
      <OrderReference>221/03</OrderReference>
      <OrderType>10</OrderType>
      <OrderDate>20030829</OrderDate>
      <MarketingCompany>12</MarketingCompany>
      <PhonoNetNumber>200043</PhonoNetNumber>
      <CustomerNumberDC>651201</CustomerNumberDC>
      <DeliveryDate>20030901</DeliveryDate>
      <TermsOfDelivery type="WO">Y</TermsOfDelivery>
      <Orderlines>
        <Orderline lineNumber="1">
          <ArticleNumber type="EN">0720642500927</ArticleNumber>
          <Quantity type="Ordered">1</Quantity>
          <OrderlineDiscount>5.00</OrderlineDiscount>
        </Orderline>
        <Orderline lineNumber="2">
          <ArticleNumber type="EN">0731453497320</ArticleNumber>
          <Quantity type="Ordered">12</Quantity>
          <FixedPrice>15.75</FixedPrice>
        </Orderline>
        <Orderline lineNumber="3">
          <ArticleNumber type="EN">0044006590127</ArticleNumber>
          <Quantity type="Ordered">100</Quantity>
        </Orderline>
      </Orderlines>
      <Control>
        <Quantity type="TotalOrdered">113</Quantity>
        <Quantity type="Orderlines">3</Quantity>
      </Control>
    </Order>
  </Orders>
</PhonoNet>
```

Normal Order with Terms of Delivery

```
<?xml version="1.0" encoding="UTF-8"?>
<PhonoNet>
  <Interchange>
    <Sender>200043</Sender>
    <Recipient>PhonoNet</Recipient>
    <InterchangeNumber>123459</InterchangeNumber>
    <InterchangeDate>20030829</InterchangeDate>
    <InterchangeTime>1806</InterchangeTime>
  </Interchange>
  <Orders version="1.0">
    <Order>
      <OrderReference>221/04</OrderReference>
      <OrderType>10</OrderType>
      <OrderDate>20030829</OrderDate>
      <MarketingCompany>12</MarketingCompany>
      <PhonoNetNumber>200043</PhonoNetNumber>
      <CustomerNumberDC>651201</CustomerNumberDC>
      <DeliveryDate>20030830</DeliveryDate>
      <TermsOfDelivery type="DEL">H</TermsOfDelivery>
      <Comments>10:00 uur</Comments>
      <Orderlines>
        <Orderline lineNumber="1">
          <ArticleNumber type="EN">0720642500927</ArticleNumber>
          <Quantity type="Ordered">1</Quantity>
        </Orderline>
        <Orderline lineNumber="2">
          <ArticleNumber type="EN">0731453497320</ArticleNumber>
          <Quantity type="Ordered">12</Quantity>
        </Orderline>
        <Orderline lineNumber="3">
          <ArticleNumber type="EN">0044006590127</ArticleNumber>
          <Quantity type="Ordered">100</Quantity>
        </Orderline>
      </Orderlines>
      <Control>
        <Quantity type="TotalOrdered">113</Quantity>
        <Quantity type="Orderlines">3</Quantity>
      </Control>
    </Order>
  </Orders>
</PhonoNet>
```