# Yamaha Corporation Analyst and Investor Briefing on the Third Quarter of Fiscal Year Ending March 31, 2017 (FY2017.3) 

February 6, 2017

* YAMAHA


# Overview of Performance in the First Three Quarters of FY2017.3 (Nine Months) 

## Results Summary

- Although sales over the first three quarters declined year-on-year, chiefly due to the impact of exchange rates, operating income increased for the fourth consecutive year.

Actual 3Q sales of musical instruments and audio equipment were lower than previous projections.

- In the musical instrument segment, the Chinese market remained robust, but 3Q sales in other markets were below previous projections. Discounting the impact of exchange rates, actual sales over the first three quarters increased by 3\% year-on-year.
- Third quarter sales in the audio equipment segment were also lower than previous projections. Sales were firm over the first three quarters, rising by 4\% year-on-year, discounting the impact of exchange rates.
- In the others segment, 3Q sales of industrial machinery and components rose year-on-year, but over the first three quarters they declined from the same period of the previous year.


## Performance in the First Three Quarters of FY2017.3 (Nine Months)

(Billions of yen)

|  | FY2016.3 <br> 1-3Q results | FY2017.3 <br> 1-3Q results | Changes from same period of the previous year | FY2017.3 1-3Q previous projections** | Changes from the previous projection |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net Sales | 335.8 | 308.3 | -8.2\% | 309.0 | -0.2\% |
| Operating Income (Operating Income Ratio) | $\begin{array}{r} 36.9 \\ (11.0 \%) \end{array}$ | $\begin{array}{r} 37.4 \\ (12.1 \%) \end{array}$ | +1.1\% | $\begin{array}{r} 38.5 \\ (12.5 \%) \end{array}$ | -3.0\% |
| Ordinary Income (Ordinary Income Ratio) | $\begin{array}{r} 37.6 \\ (11.2 \%) \end{array}$ | $\begin{array}{r} \hline 37.6 \\ (12.2 \%) \end{array}$ | -0.0\% | $\begin{array}{r} 38.0 \\ (12.3 \%) \end{array}$ | -1.1\% |
| Net Income* (Net Income Ratio) | $\begin{array}{r} 30.5 \\ (9.1 \%) \end{array}$ | $\begin{array}{r} \hline 37.1 \\ (12.0 \%) \end{array}$ | +21.5\% | $\begin{array}{r} 37.5 \\ (12.1 \%) \end{array}$ | -1.2\% |

Exchange Rate (yen)

| Net Sales <br> (Average rate during the period | $\begin{gathered} \text { US\$ } \\ \text { EUR } \end{gathered}$ | $\begin{aligned} & 122 \\ & 134 \end{aligned}$ | $\begin{aligned} & \hline 107 \\ & 118 \end{aligned}$ | $\begin{aligned} & 103 \\ & 115 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Operating Income (Settlement rate) | US\$ | 122 | 107 | 105 |
|  | EUR | 134 | 121 | 120 |

[^0]
## Performance by Business Segment in the First Three Quarters of FY2017.3 (Nine Months)

## Net Sales



## Operating Income

(Billions of yen)


## $-¥ 10.0$ billion

(musical instruments $-¥ 7.7$ billion, audio equipment $-¥ 2.4$ billion, others $+¥ 0.1$ billion)

## $+¥ 1.1$ billion

(musical instruments $+¥ 0.8$ billion, audio equipment $+¥ 0.3$ billion)

## FY2017.3 1-3Q Operating Income Analysis (Nine Months)

## Versus same period of the previous year

|  | Impact of <br> exchange <br> rates | Increase in | Actual <br> labor cost <br> atecrease |
| :---: | :---: | :---: | :---: |
| 36.9 | $-¥ 10.0$ | at overseas <br> factories | SG\&A |
|  |  | $-¥ 1.8$ |  |
|  |  |  |  |

FY2016.3 1-3Q
(Billions of yen)


Versus previous projections

Actual decrease in sales - ¥2.6
Impact of
exchange
rates
$+¥ 1.1$

## Musical Instruments: 1-3Q (Nine Months)

1-3Q

- Net Sales

Operating Income

(Billions of yen)

## 1-3Q Overview

- Sales and income decreased from the same period of the previous year.
- This decline was due to the impact of exchange rates, and sales increased in actual terms.
- The Chinese market remained robust, achieving double-digit growth in actual sales.
- Sales in markets except in China were below previous projections for 3Q, but North America, Europe, and Other Regions all showed actual growth, with Japan being the only exception.
- Guitar sales recorded double-digit actual growth, and sales of pianos, digital musical instruments, and wind instruments were also strong.
- Sales price adjustments, cost reductions, and control of SG\&A expenses did not fully absorb the impact of exchange rates.


## Audio Equipment: 1-3Q (Nine Months)

1-3Q

■■■Net Sales

[^1]
## Others: 1-3Q (Nine Months)

1-3Q
(Billions of yen)

-     - Net Sales

Operating Income


[^2]
## Performance in the Third Quarter of FY2017.3 (Three Months)

(Billions of yen)

|  | FY2016.3 <br> 3Q results | FY2017.3 <br> 3Q results | Changes from same <br> period of the <br> previous year | FY2017.3 <br> 3Q previous <br> projections** | Changes from the <br> previous projection |
| :---: | ---: | ---: | ---: | ---: | :---: |
| Net Sales | 118.3 | 109.2 | $-7.7 \%$ | 109.8 | $-0.6 \%$ |
| Operating Income <br> (Operating Income Ratio) | 15.7 <br> $(13.3 \%)$ | 12.7 <br> $(11.6 \%)$ | $-19.0 \%$ | 13.9 <br> $(12.7 \%)$ | $-8.6 \%$ |
| Ordinary Income <br> (Ordinary Income Ratio) | 15.4 <br> $(13.0 \%)$ | 13.1 <br> $(12.0 \%)$ | $-\mathbf{- 1 4 . 7 \%}$ | 13.5 <br> $(12.3 \%)$ | $-3.0 \%$ |
| Net Income* <br> (Net Income Ratio) | 13.1 <br> $(11.1 \%)$ | 9.8 <br> $(9.0 \%)$ | $\mathbf{- 2 4 . 8 \%}$ | 10.3 <br> $(9.4 \%)$ | $-4.5 \%$ |

## Exchange Rate (yen)

| Net Sales <br> (Average rate during the period) | US\$ | 121 | 109 | 100 |
| :---: | :---: | :---: | :---: | :---: |
|  | EUR | 133 | 118 | 110 |
| Operating Income | US\$ | 121 | 106 | 100 |
|  | EUR | 135 | 114 | 110 |

[^3]
## Performance by Business Segment in the Third Quarter of FY2017.3 (Three Months)

## Net Sales

(Billions of yen)

## Operating Income



Changes from the previous projections


[^4]**FY2016.3 figures have been adjusted to reflect the segmentation change of soundproof room business
10

## Outlook for Fourth Quarter and Full Year

## Outlook for 4Q

- Based on 3Q sales results, the anticipated growth rate for actual musical instrument sales has been revised downward slightly from previous projections.
- In the audio equipment business, AV product shipments are expected to rise, and the anticipated growth rate for actual sales has been revised upward slightly from previous projections.
- Sales in the others segment are expected to exceed previous projections, but income is likely to be decreased.


## Full Year Outlook

- Although strong 1H sales prompted ambitious sales projections for the period of highest demand in 3Q, sales were below previous projections in all markets except China.
In light of these circumstances and changes in exchange rate assumptions for 4Q (from US\$1= $¥ 100$ to US $\$ 1=¥ 110$ and EUR1= $¥ 110$ to EUR1= $¥ 120$ ), projections have been revised as follows:
- Full year projections (previous projections shown in parentheses)

Sales $¥ 405.0$ billion ( $¥ 402.0$ billion )
Operating income $¥ 42.0$ billion (unchanged) Ordinary income $¥ 43.0$ billion ( $¥ 42.0$ billion)
Net income $¥ 42.0$ billion ( $¥ 41.0$ billion)

## Forecast for Performance in FY2017.3 (Full Year)

(Billions of yen)

|  | FY2016.3 results | FY2017.3 projections | Changes from the results | FY2017.3 previous projecions | Changes from the previous projection |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net Sales | 435.5 | 405.0 | -7.0\% | 402.0 | +0.7\% |
| Operating Income (Operating Income Ratio) | $\begin{array}{r} 40.7 \\ (9.3 \%) \end{array}$ | $\begin{array}{r} 42.0 \\ (10.4 \%) \end{array}$ | +3.3 \% | $\begin{array}{r} 42.0 \\ (10.4 \%) \end{array}$ | - |
| Ordinary Income (Ordinary Income Ratio) | $\begin{array}{r} 40.9 \\ (9.4 \%) \end{array}$ | $\begin{array}{r} 43.0 \\ (10.6 \%) \end{array}$ | +5.1\% | $\begin{array}{r} 42.0 \\ (10.4 \%) \end{array}$ | +2.4\% |
| Net Income* (Net Income Ratio) | $\begin{array}{r} 32.6 \\ (7.5 \%) \\ \hline \end{array}$ | $\begin{array}{r} 42.0 \\ (10.4 \%) \\ \hline \end{array}$ | +28.7\% | $\begin{array}{r} 41.0 \\ (10.2 \%) \\ \hline \end{array}$ | +2.4\% |

Exchange Rate (yen)

| Net Sales <br> (Average rate during the | US\$ | 120 | 107 | 103 |
| :---: | :---: | :---: | :---: | :---: |
|  | EUR | 133 | 118 | 114 |
| Operating Income (Settlement rate) | US\$ | 121 | 107 | 104 |
|  | EUR | 134 | 121 | 118 |

[^5]
## FY2017.3 Full Year Forecast for Performance by Business Segment <br> YAMAHA

Net Sales
Changes from
Year-on-year change
435.5 (-7.0\%) $405 . \mathbf{0}_{(+0.7 \%)} 402.0$


## $-¥ 36.0$ billion

Year-on-Year (musical instruments - $¥ 23.9$ billion, audio equipment $-\neq 11.4$ billion, others $-¥ 0.7$ billion)

Versus previous
projections
$+¥ 9.0$ billion
(musical instruments $+¥ 5.5$ billion, audio equipment $+¥ 3.3$ billion, others +0.2 billion)

## Operating Income

| Year-on-Year | $-¥ 36.0$ billion <br> (musical instruments $-¥ 23.9$ billion, audio equipment <br> $-¥ 11.4$ billion, others $-¥ 0.7$ billion) |
| :---: | :--- |
| Versus previous | $+¥ 9.0$ billion <br> projections |
| (musical instruments $+¥ 5.5$ billion, audio equipment <br> $+¥ 3.3$ billion, others +0.2 billion) |  |

## $-¥ 11.5$ billion

(musical instruments - $¥ 8.9$ billion, audio equipment $-\neq 2.7$ billion, others $+¥ 0.1$ billion)
$+¥ 2.0$ billion
(musical instruments $+¥ 1.6$ billion, audio equipment $+¥ 0.5$ billion)

## FY2017.3 Full Year Operating Income Analysis



## Musical Instruments Full Year Projections

## Full Year

## Full Year Projections

- Although sales are likely to be higher than previous projections, income is expected to be lower.
- Strong sales of pianos, digital pianos, and string and percussion instruments are anticipated.
- Double-digit year-on-year growth is expected in the Chinese market. Except for Japan, other markets are expected to achieve robust sales and actual growth.



## Musical Instruments: Sales by Region

(including software products and music schools)

All regions: Net Sales (1-3Q) $¥ 196.6$ (103\%), Full Year Projections $¥ 256.0$ (102\%)


## Audio Equipment Full Year Projections

## Full Year

-n■Net Sales
Operating Income

## Full Year Projections

- Sales and income are expected to exceed previous projections.
- Double-digit growth in actual terms is anticipated for commercial audio equipment. ICT devices are likely to sell briskly, driving strong sales overall.
- Although Other Regions are expected to struggle, sales in major markets are likely to be robust.


## Audio Equipment: Sales by Region

(Billions of yen)
All regions: Net Sales (1-3Q) $¥ 85.0$ (104\%), Full Year Projections $¥ 114.0$ (104\%)


Musical Instruments/Audio Equipment: Sales by Major Product Category (Yamaha branded products)

## Musical Instruments



## Audio Equipment

AV products


PA equipment
52.450 .8 (107\%)


FY2016.3 FY2017.3

## Others: Full Year Projections

## Full Year

-     - Net Sales

Operating Income
(Billions of yen)

## Full Year Projections

- Previous projections for sales and operating income remain unchanged.
- Higher 4Q costs in the electronic device and golf products will constrain income, which is expected to decline from the level achieved over the first three quarters.

\begin{tabular}{|c|c|c|c|}
\hline \multicolumn{2}{|r|}{\multirow[b]{2}{*}{37.2}} \& \multicolumn{2}{|r|}{(Billions of yen)} <br>
\hline \& \& 35.0 \& 35.0 <br>
\hline Others \& 2.2 \& 2.3 \& 1.7 <br>
\hline Resort \& 4.8 \& 4.1 \& 4.1 <br>
\hline Golf products \& 5.8 \& 5.2 \& 5.1 <br>
\hline Industrial machinery and components \& 24.4 \& 23.4 \& 24.1 <br>
\hline FY2 \& 16.3

nod comp \& FY2017.3 \& $$
\begin{aligned}
& \text { FY2017.3 } \\
& \text { (previous } \\
& \text { projections) }
\end{aligned}
$$ <br>

\hline
\end{tabular}

## Inventories

$>$ Inventories at the end of the third quarter (December 31, 2016) were $¥ 97.4$ billion. Although the impact of exchange rates reduced inventories, they were still higher than the same period of the previous year.
$>$ Inventories at the end of fiscal 2017 are forecast to be $¥ 92.0$ billion. Reflecting sales conditions during the period of highest demand, inventories are expected to exceed previous projections.


| Year-on-Year | $-¥ 4.3$ billion |
| :---: | :--- |
| Versus previous <br> projections | $+¥ 3.2$ billion |

## Capital Expenditure/Depreciation/R\&D Expenses <br> YAMAHA

Capital Expenditure (Depreciation)




## Balance Sheet Summary

(Billions of yen)

|  | As of end of 3Q |  |  | As of end of fiscal year end |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { As of Dec., 31, } \\ 2015 \end{gathered}$ | $\begin{gathered} \text { As of Dec. 31 } \\ 2016 \end{gathered}$ | Changes | $\begin{gathered} \text { As of Mar. 31, } \\ 2016 \end{gathered}$ | $\begin{array}{\|c\|} \hline \text { As of Mar. 31, } \\ 2017 \text { projections } \end{array}$ | Changes |
| Cash and deposits | 99.5 | 97.7 | -1.8 | 88.2 | 93.6 | 5.4 |
| Notes and accounts receivable | 62.8 | 62.5 | -0.3 | 47.8 | 48.0 | 0.2 |
| Inventories | 95.2 | 97.4 | 2.2 | 91.9 | 92.0 | 0.1 |
| Other current assets | 23.6 | 23.1 | -0.5 | 27.2 | 23.5 | -3.7 |
| Fixed assets | 262.5 | 247.2 | -15.3 | 214.6 | 248.4 | 33.8 |
| Total assets | 543.6 | 527.9 | -15.7 | 469.7 | 505.5 | 35.8 |
| Notes and accounts payable | 18.9 | 16.6 | -2.3 | 19.4 | 22.6 | 3.2 |
| Short- and long-term loans | 20.5 | 24.5 | 4.0 | 8.5 | 9.9 | 1.4 |
| Other liabilities | 140.8 | 131.8 | -9.0 | 137.9 | 127.4 | -10.5 |
| Total net assets | 363.4 | 355.0 | -8.4 | 303.9 | 345.6 | 41.7 |
| Total liabilities and net assets | 543.6 | 527.9 | -15.7 | 469.7 | 505.5 | 35.8 |

Appendix

## Forecast for Performance in the Fourth Quarter of FY2017.3 (Three Months)

(Billions of yen)

|  | FY2016.3 4Q results | FY2017.3 4Q projections | Chances from same period of the previous year | FY2017.3 <br> 4Q previous projections ${ }^{* *}$ | Changes from the previous projection |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Net Sales | 99.7 | 96.7 | -3.0\% | 93.0 | +4.0\% |
| Operating Income (Operating Income Ratio) | $\begin{array}{r} 3.7 \\ (3.7 \%) \end{array}$ | $\begin{array}{r} 4.6 \\ (4.8 \%) \end{array}$ | +23.3\% | $\begin{array}{r} 3.5 \\ (3.8 \%) \end{array}$ | +31.4\% |
| Ordinary Income (Ordinary Income Ratio) | $\begin{array}{r} 3.3 \\ (3.3 \%) \end{array}$ | $\begin{array}{r} 5.4 \\ (5.6 \%) \end{array}$ | +63.1\% | $\begin{array}{r} 4.0 \\ (4.3 \%) \end{array}$ | +35.0\% |
| Net Income* <br> (Net Income Ratio) | $\begin{array}{r} 2.1 \\ (2.1 \%) \end{array}$ | $\begin{array}{r} 4.9 \\ (5.1 \%) \\ \hline \end{array}$ | +129.4\% | $\begin{array}{r} 3.5 \\ (3.8 \%) \end{array}$ | +40.0\% |



[^6]
## Forecast for Performance by Business Segment in the Fourth Quarter of FY2017.3 (Three Months)



[^7]
## Third Quarter Non-Operating Income/Loss \& Extraordinary Income/Loss (Nine Months)



[^8]** In conjunction with the recent improvement in profitability, scope of recording deferred tax assets has expanded from FY2017.3, and additional figures were recorded in 1Q.

## Full Year Non-Operating Income/Loss \& Extraordinary Income/Loss



## Quarterly Sales and Income

118.3


| Net Sales (Full Year) 435.5 <br> Operating Income (Full Year) 40.7  | Net Sales (Full Year) <br> Operating Income (Full Year) 42.0 |
| :--- | :--- | :--- |



In this report, the figures forecast for the Company's future performance have been calculated on the basis of information currently available to Yamaha and the Yamaha Group. Forecasts are, therefore, subject to risks and uncertainties.

Accordingly, actual performance may differ greatly from our predictions depending on changes in the economic conditions surrounding our business, demand trends, and the value of key currencies, such as the U.S. dollar and the euro.


[^0]:    * Net income is presented as net income attributable to owners of parent on the consolidate financial statements
    ** Previous projections were announced on November 7, 2016

[^1]:    *FY2016.3 figures have been adjusted to reflect the segmentation change of soundproof room business

[^2]:    *Industrial machinery and components sales are the total for electronic devices, automobile interior wood components, factory automation equipment, etc.

[^3]:    * Net income is presented as net income attributable to owners of parent on the consolidate financial statements
    **Previous projections were announced on November 7, 2016

[^4]:    *Previous projections were announced on November 7, 2016

[^5]:    * Net income is presented as net income attributable to owners of parent on the consolidate financial statements
    **Previous projections were announced on November 7, 2016

[^6]:    * Net income is presented as net income attributable to owners of parent on the consolidate financial statements
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    **FY2016.3 figures have been adjusted to reflect the segmentation change of soundproof room business

[^8]:    *Previous projections were announced on November 7, 2016

